

e

68-0001 to 69-0178

68-C-
0001 - 0025

No	Contractor	Status	Contract Type & Authority
	(4 Aug 67 - 4 Jun 68)	(pre-contract fm)	
SUBJECT: RARP	Research services to accomplish required modifications to the Defense Land Fallout Interpretive Code (DELFIIC)		\$ 43,406.00
	CDR Wagner LCDR Case, RARP (Mr. Tompkins, NDL, Tech Monitor)		
Mod 1	Time extension to 31 Dec 68.		\$ ---
Mod 2			\$
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981		\$
			\$
Brought Forward			\$
Total			\$ 43,406.00
PAID			<u>42,221.54</u>
Refund:			\$ 1,184.46
Contract Completed: 12 Dec 68			
Contract CLOSED: 24 Jan 75			

Contract Completed: 12 Dec 68

Contract CLOSED: 24 Jan 75

CLOSED

68-C-0002 General Atomic/Gen Dynamics

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(21 Aug 67 o-20 Nov 68)	(pre-contract fm 28 Jul 67	

SUBJECT: Participation in MILK SHAKE Test
RAEV

\$ 194,936.00

LT JG Richard K. Stevens, RAEV

Mod 1 Novation agreement

\$ --

Mod 2 Time extension to 31 May 69.

\$ --

Mod 3 Time extension to 30 Jun 70.

\$ ---

Mod 4 Novation Agreement.

\$ ---

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FPM: 2p72
To be Destroyed 2p78

Brought Forward

\$

\$

Per ance Completed:

Total \$ 194,936.00
PAID: 194,936.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

68-C-0003

Rhodes and Bloxson

FP (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Aug 67 - 15 Dec 67)	(pre-contract fm)	

SUBJECT: Research relating to the erosive effect of dust on R/V virgin \$ 75,400.00
SPAS surface and R/V char.

OP
 120.11:

Mr. M. Rubenstein, SPAS

Mod 1 Time extension to 30 Sep 68.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: 26 Jan 71
 To be Destroyed Jul 75

Brought Forward

\$

\$

Total \$ 75,400.00

Per -ance Completed: Sep 68

Contract CLOSED: 3 April 1969

Refund: \$ 754.00

CLOSED

68-C-0004	Lockheed Missiles and Space Co.S'	CPFF (a)(11)
No	Contractor	Status
	(28 Aug 67 - 31 Oct 68)	(pre-contract fm)
		Contract Type & Authority

SUBJECT: Study the sensitive parameters used in the evaluation of nuclear weapons effects on re-entry vehicles. \$ 233,087.00

SPAS

~~Major Austin K. Kowalsky~~ SPAS Mr. Morton Rubenstein

Mod 1 Additional work \$ 19,996.00
Time extension to 10 Dec 68.

Mod 2 Time extension 1 May 69. \$ ----
Delete ITEM XIII - Level of Effort

Mod 3 OH rates for '67 \$ ----

Mod 4 Incorporation of OH rates for 1968 & 1969 \$ ---

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Per chance Completed: 15 Feb 69

Sent to ERSEN: 4/72
To be Destroyed Jul 78

Total \$ 253,083.00
PAID: 249,152.53

Contract CLOSED:

Refund: \$ 3,930.47

20 Mar 72

CLOSED

68-C-0005 Shock Hydrodynamics, Inc.

FP (A)(11)

No	Contractor	Status	Contract Type & Authority
	(15 Aug 67 - 20 Jan 68)	(pre-contract fm)	

SUBJECT: Perform free field calculations for a 1 MT surface burst
STSP on alluvium.

\$ 29,400.00

Maj Lawson P. Mosteller, Jr., SPSS

Mod 1 Time extension to 15 Feb 69.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to ERCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

\$

Performance Completed:

16 Sep 69

Total \$ 29,400.00

Paid: 29,400.00

Contract CLOSED:

5 Dec 69

CLOSED

Refund: \$ - 0 -

No

Contractor

Status

CPFF (a) (11)

**Contract Type
& Authority**

(15 Aug 67 - 30 Nov 68) (pre-contract fm)

SUBJECT: Maintenance of ADAM and VHF Teltrack for FY 68
JTF-8

\$ 76,482.00

LTC Joseph Linn, JTF-8

Mod 1 Time extension to 30 Apr 69.

§ 100-10-10.

Mod 2

2

Mod 3

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Mod 4

\$

Mod 5

\$

Mod 6

Mod 7

\$

Mod 8

\$

Brought Forward

\$

\$

P **ance Completed:**

Contract CLOSED:

Sent to FRGEN: May 72
To be Destroyed Jul 71

Total \$ 76,482.00

POID: 74,769.22

Refund: \$ 1,712.78

21 Apr 71

CLOSED

68-C-0007	General Electric Company (TEMPO)	CPFF (a)(11)
No	Contractor	Status
	(15 Aug 67 - 15 Aug 68)	(pre-contract fm)
		Contract Type & Authority

SUBJECT: DASA Information and Analysis Center Follow On \$669,963.00
RAAE

LTC Brown, RAAE

Mod 1 Write a new technical support publication-DISTANT WATERS. \$ 19,842.00
Time extension to 31 Dec 68.

Mod 2 Continuation of operation and maintenance of the DASIAC. \$ 770,680.00
Time extension to 15 Aug 69.
(FY69 NWER HE 008)

Mod 3 Collect, document and disseminate information on EMP codes \$ 99,993.00
and EMP code-generated data.
(FY69 NWER 69461XXXXAXHE008)

Mod 4 Time extension to 30 Jun 70. \$ --

Mod 5 Decrease work under DISTANT WATERS and increase DASIAC work. \$ ---
68 NWER HE 008 01

Mod 6 Funds to cover OH adjustments. \$ 7,470.94
69 NWER HE 008 01

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Sep 77
to be Destroyed Jul 80

Brought Forward \$

Pe: ince Completed:

Total PAID \$ 1,567,948.94
1,567,948.94

Contract CLOSED:

Refund: \$ -0-

CLOSED

68-C-0008 Braddock, Dunn and McDonald, Inc.

No	Contractor	Status	Contract Type & Authority
	(21 Aug 67 - 21 Apr 68)	(pre-contract fm)	

SUBJECT: Conduct a Study of the Performance Characteristics of Missile Guidance Electronic and Electromechanical Devices. \$ 69,843.00

RAEV

Maj John J. McGee, Jr. RAEV

Mod 1	Consultation services of Mr. Robert A. Poll (22 days)	\$ 4,013.00
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Mod 2	Continuation of the investigations on a somewhat broader scope. (FY68 NWER, RTR 5060) Time extension to 31 Jul 69.	\$ 104,606.00
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Mod 3	Time extension to 28 Feb 70.	\$ ----
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Mod 4	additional funds to cover OH adjustment (FY68 NWER A TE060 03)	\$ 1,587.55
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8	Sent to FRCEN: SEP 1975	\$
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To be Destroyed Jul 1981

Brought Forward

Total PAID	\$ 180,049.55
	\$ 180,049.55

Per: ance Completed:

Contract CLOSED:

Refund: \$ -0-

CLOSED

11 Oct 74

No	Contractor	Status	Contract Type & Authority
	(1 Sep 67 - 31 Dec 68)	(pre-contract fm 1 Aug 67)	

SUBJECT: HDL/Boeing Field Test
RAEV

\$ 607,462.00

Mr. Conrad, HDL

Mod 1 Purchase of additional Multiplexer.

\$ 37,749.00

Mod 2 Additional effort (change in event date).
(FY68 NWET 29GTRX205)

\$ 65,679.00

Mod 3 Change of scope
Time extension to 17 Apr 70.

\$ --

Mod 4 Time extension to 20 May 70.

\$ ----

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: FEB 1977
To be Destroyed Oct 82

\$

Brought Forward

\$

Performance Completed:

20 May 70

Total \$ 710,890.00

PAID 705,322.85

Contract CLOSED:

26 Aug 76

Refund: \$ 5,567.15

No	Contractor	Status	FP	(a)(11)
	(23 Aug 67 - 1 Dec 67)	(pre-contract fm)		

SUBJECT: MINERAL WATER Safety Study \$ 30,717.00
JTF-8

Mr. George Kallis, JTF-8, AEC Deputy for Operations

Mod 1			\$
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Mod 2			\$
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Mod 3			\$
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Mod 4			\$
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Mod 5			\$
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Mod 6			\$
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Mod 7			\$
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Mod 8			\$
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68C-0012	General Atomic	CPTF (a)(11)
No	Contractor	Status
	(18 Aug 67 - 17 Nov 68)	(pre-contract fm)
SUBJECT:	Experimental program of tests of radiation resistance of electronic components, MILK SHAKE	Contract Type & Authority
		\$ 168,476.00
	Kixjgrstaxams , RAEV, Maj R. D. Carpenter	
Mod 1	Additional equipment required for MILK SHAKE participation	\$ 1,126.00
Mod 2	Additional measurements to be made. (FY68 NWET MILD WIND, 29GTRX217) Time extension 17 Jan 69.	\$ 20,224.00
Mod 3	Novation agreement	\$ ----
Mod 4	Time extension to 30 Jun 70.	\$ ---
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$

Brought Forward

\$
\$

Pe' Lance Completed:

Contract CLOSED:

Sent to FROEN: May 72
To be Destroyed Jul 77

Total	\$ 189,826.00
PAID:	189,826.00
Refund:	\$ - 0 -

13 Nov 70

68-C-0013 AVCO CPFF (a)(11)
 No Contractor Status Contract Type
 (19 Sep 67 - 18 Dec 68) (pre-contract fm N/A) & Authority

SUBJECT: Underground effects tests \$ 207,924.00

Mr. Rubenstein, SPAS

~~Mr. Rubenstein, SPAS~~

Mod 1 An analytical Study of the Dust Erosion Problem. \$ 20,653.00
 (NY68 NWER, RAS 1127)

Mod 2 Add a paragraph "Study Pool Overhead" \$ ---
 Time extension to 1 Mar 69.

Mod 3 Time extension to 30 Jun 69. \$ ---

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to EROSEN: Sep 74
 To be Destroyed Jul 80

Brought Forward \$

Finance Completed:

Total \$ 228,577.00
 PAID 228,577.00

Contract CLOSED:

Refund: \$ -0-

CLOSED 9 Sep 74

68-C-0014 General Electric (Phila, Pa)

No	Contractor	Status	Contract Type & Authority
	(5 Sep 67- 5 Sep 68)	(pre-contract fm)	

SUBJECT: Nuclear weapons effects on re-entry vehicles \$ 211,700.00

~~Mr. Austin Lowery, SESR~~ Mr. Morton Rubenstein, SPAS

Mod 1 Investigate the properties of a glass-phenolic composite material. \$ 28,435.00

Mod 2 An analytical Study of Dust Erosion. \$ 19,500.00
Time extension 1 Nov 68.

Mod 3 Phase II. \$ 26,170.00
(FY68 NWER, 1127)
Time extension to 31 Dec 68.

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to [unclear] Sep 74
To [unclear] Jul 80

Brought Forward \$

Per Completed:

Mar 69

10 Oct 73

Total PAID \$ 335,805.00
331,407.24

Contract CLOSED:

CLOSED

Refund: \$ 4,397.76

No	Contractor	Status	Contract Type & Authority
	(14 Aug 67 - 14 Aug 70)	(pre-contract fm)	

SUBJECT: Facilities contract for DASA property.

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Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to ERCEN: Jan 72

To be Destroyed Jul 76

Brought Forward

\$

\$

Total

\$

Per nance Completed: 26 Feb 70

Contract CLOSED:

27 Feb 70

CLOSED

Refund:

\$

- 0 -

No	Contractor	Status	Contract Type & Authority
	(13 Sep 67 - 13 Dec 68)	(pre-contract fm)	
SUBJECT: Radiation Transport Calculations			\$162,827.00

Capt R. W. Enz, RARP

Mod 1	Novation agreement	\$	----
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Mod 2	Continuation with the research required to obtain accurate gamma production cross sections for oxygen and nitrogen. Time extension 13 Mar 69 (BY69 NWER PC 101)	\$	84,960.00
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Mod 3	Novation Agreement.	\$	---
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8		\$	
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Sent to FROZEN: Sep 72
To be Destroyed Jul 78

Per % Completed:

Contract CLOSED:

Brought Forward

Total \$ 197,787.00

PAID: 196,807.66

Refund: \$ 979.34

20 Oct 71

CLOSED

68-C-0017	Regents of the University of California, LaJolla, Calif.	<i>Cost</i>
No	Contractor	Status
	(21 Aug 67 - 30 Nov 68)	(pre-contract fm)
		Contract Type & Authority

SUBJECT:	Formulation of constitutive equations for earth materials	\$ 27,075.00.
STSP	under dynamic loading	

Maj Lawson P. Mosteller, SPSS

Mod 1	Time extension to 31 Jan 69.	\$ ---
	Incorporation of OH rates for FY '68	

Mod 2		\$ ---
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward	\$
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Per	ance Completed: Dec 68	Total	\$ 27,075.00
		PAID:	<u>23,257.04</u>

Contract CLOSED:	30 Sept 69	Refund:	\$ 3,817.96
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CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Sep 67 - 30 Nov 68)	(pre-contract fm)	

SUBJECT: Research concerning the pupillary mechanism of the eye \$ \$33,082.00
STMD

Maj E. W. Blackburn, STMD

Mod 1	Time extension to <i>submission of</i> preliminary final report.	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: 26 Jan 71
To be Destroyed Jul 75

Brought Forward \$

Total \$ 33,082.00

Per nance Completed: 1 Jan 69

Contract CLOSED:

Refund: \$ - 0 -

Closed

11 Mar 69

68-C-0019 University of Hawaii

Indefinite Quantity

GFF (a)(5)

No

Contractor

Status

Contract Type

(

) (pre-contract fm

)

& Authority

Not to exceed

\$ 3,400.00

SUBJECT: Computer use in connection with PADDLEWHEEL
GFF JTG8.4

PB

Mod 1 Use of different computer

\$

Mod 2

\$

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

\$

Mod 8

\$

Sent to FROEN: Jan 72

To be Destroyed Jul 76

Brought Forward

\$

\$

Total \$ 3,400.00

Per nance Completed:

10 Oct 67

Contract CLOSED:

Refund: \$ 1,498.04

25 Jul 69

Aerojet-General

38-C-0020

Space General Corporation

No	Contractor	Status	Contract Type & Authority
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(16 Oct 67 - 15 Nov 68) (pre-contract fm)

SUBJECT: Maintenance of test readiness, MIGHTY SKY, Project 6.8
TC

\$ 20,000.00

~~LCBBccEcchodgerspcctccxx~~ CDR E. W. Edgerton, Jr., USN TC

Mod 1	Continuation of Readiness Program. Time extension to 15 Jul 70
-------	---

\$ 29,618.00

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

*Sent to PM: Sep 74
to be verified Jul 80*

\$

Brought Forward

\$

mance Completed:

Slugg TC

Total \$ 49,618.00

PAID 47,999.61

Contract CLOSED:

Refund: \$ 1,618.39

CLOSED
22 Feb 74

68-C-0022 Technical Operations Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(7 Sep 67 - 31 Dec 67)	(pre-contract fm)	

SUBJECT: Artificial airglows studies
RAAE

\$ 5,000.00

LR

LTC Andrew M. Simko, RAAE

Mod 1

\$

Mod 2

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Mod 3

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Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Per nance Completed:

Contract CLOSED:

Sent to FRCEN: May 72

To be Destroyed Jul 77

7 Mar 68

Brought Forward

\$

Total

\$

5,000.00

PAID:

4,895.42

Refund:

\$

104.58

17 Dec 70

CLOSED

No	Contractor	Status	Contract Type & Authority
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(6 Oct 67 - 30 Jun 68) (pre-contract fm 24 Jul67)

SUBJECT: DORSAL FIN, Underground Test Diagnostics
TC

\$ 426,408.00

1/Lt Vincent W. Slivinsky, Kirtland AFB

Mod 1 Time extension to 30 Sep 68.

\$ ----

Mod 2 '67 OH rates

\$ --

Mod 3 1968 OH Rates

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total \$ 426,408.00

PAID: 426,408.00

Per nance Completed: 23 Dec 68

Contract CLOSED:

Refund: \$ - 0 -

21 Dec 71

No	Contractor	Status	Contract Type & Authority
	(14 Sep 67 - 30 Jun 68)	(pre-contract fm 17 Jul 67)	

SUBJECT: Passive calorimeter Experiment for DORSAL FIN, Project 8.56 \$ 45,443.00
TC

1/LT Vincent W. Slivinsky, Kirtland, AFB

Mod 1	Unanticipated costs associated with the stretchout of the DORSAL FIN schedule.	\$ 10,728.00
-------	--	--------------

Mod 2	Time extension to 31 Oct 68.	\$ ----
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Mod 3		\$
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Mod 4		\$
-------	--	----

Mod 5		\$
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Mod 6		\$
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Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FRCEN: Jan 72

To be Destroyed Jul 76

Brought Forward

\$

Performance Completed:

Total \$ 56,171.00

Paid: 56,166.02

Contract CLOSED:

Refund: \$ 4.98

30 Oct 69



No	Contractor	15 Nov	Status	Contract Type & Authority
	(1 Oct 67 - 30 Oct 68)		(pre-contract fm)	

SUBJECT: Analytical study of electron gun configurations for the generation of megavolt-megaamp electron beams, Subtask RRL 2061. \$ 75,695.00

Maj Carleton H. Jones, Jr. RAEV

Mod 1 \$

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

ance Completed:

t CLOSED:

Sent to RESEN: May 72

To be L... ed Jul 77

Total \$ 75,695.00

PAID: 75,695.00

Refund: \$ - 0 -

11 Jun 71

CLOSED

68-C-
0026 -- 0030

68-C-0026 Kaman Nuclear

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(16 Oct 67 - 15 Oct 68)	(pre-contract fm)	

SUBJECT: Performing Air Blast Calculations in Support of DASA
STSP NWER Subtask 01.049

\$ 69,620.00

Maj Daniel P. Christman, STSP

Mod 1 Continuation of work
(FY68 NWER, RLN 1049)
Time extension to 14 Feb 69
COR - Mr. Louis J. Belliveau, SPLN

\$ 29,610.00

Mod 2 Change of name.

\$ ----

Mod 3 Phase II - added:
Analysis of the second set of calculations [2 tasks)
FY69 NWER NC001
Time extension to 14 Sep 69.

\$ 25,000.00

Mod 4 Add PHASE III
(FY 70 NWER NC 003 01)
Time extension to 16 Nov 70.

\$ 98,603.00

Mod 5 Time extension to 31 Dec 71.

\$ ---

Mod 6

\$

Mod 7

\$

Mod 8

\$

31 Dec 71
To be destroyed Jul 80

Brought Forward

\$

Contract Completed: 31 Dec 71

Total PAID \$ 222,833.00
222,308.96

Contract CLOSED:

Refund: \$ 524.04

CLOSED

7 Nov 73

68-C-0027 Stanford Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Oct 67 - 30 Nov 68)	(pre-contract fm)	

SUBJECT: Stemming and Containment Diagnostics for DOUBLE BARREL TC \$ 214,519.00

Maj Joseph P. Goncz, TC

Mod 1	Change and increase scope of work. (MING VASE) Time extension to 30 Jun 69.	\$ 67,110.00
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Mod 2	OH rates for '67	\$ ---
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Mod 3	Time extension to 3 Oct 69	\$ ---
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Mod 4	Incorporation of OH rates for 1968	\$ --
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Mod 5	Incorporation of OH rates for 1969 and 1970	\$ --
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward

Per nce Completed:

Total	\$ 281,629.00
PAID:	275,495.12

Contract CLOSED:

Refund: \$ 6,133.88

30 Oct 69 Sent to FREEM: Sep 72
To 1011 1000 Jul 78

CLOSED

23 Dec 71

68-C-0028 Moleculon Research Corporation

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(12 Sep 67 - 30 Sep 68) (pre-contract fm 1 Jul 67)

SUBJECT: Passive Diagnostics for DOUBLE BARREL

\$ 74,243.00

TC

CDR D'Leary, TC

Mod 1 Time extension to 30 Jun 69.

\$ ----

Mod 2 Overhead adjustment

\$ 7,793.59

Mod 3 Overhead adjustment.
69 NWET J32HAXAX874 01

\$ 3,375.65

Mod 4 Additional funds to cover bookkeeping errors.

\$ 344.20

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to CMR: Aug 74
To be destroyed Jul 80

Brought Forward

\$

Per Force Completed:

Total \$ 85,756.44

PAID 85,756.44

Contract CLOSED:

Refund: \$ -0-

Jan 69
29 Mar 74 CLOSED

68-C-0029

Moleculon

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(27 Sep 67 - 27 Sep 68)	(pre-contract fm N/A)	

SUBJECT: Revision in Code SCAT (up-date)

\$ 9,900.00

CDR O'Leary, Jr., TC (1/Lt Slivinsky -Tech Monitor)

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

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Mod 7

\$

Mod 8

\$

Brought Forward

\$

Finance Completed:

18 Oct 68 Sent to FRESEN: May 72
To be Destroyed Jul 77

Total \$ 9,900.00

PBID: 9,880.49

Contract CLOSED:

Refund: \$ 19.51

21 Aug 70 **CLOSED**

68-C-0030	Hayes International Corporation	CPFF	(a)(11)
No	Contractor	Status	Contract Type & Authority
	(2 Oct 67 - 29 Apr 68)	(pre-contract fm)	

SUBJECT: Conduct an Aircraft Modification Program Study on MIGHTY SKY, \$ \$37,788.00
 Project 9.3a
 (Contract awarded from "Request for Proposal No. DASA01-67-R-0007)

LTC Charles F. Lemon. TC

Mod 1	Provide information needed to determine the feasibility of exchanging MIGHTY SKY instrumentation between aircraft numbers 3120 and 3135. Time extension 10 Jun 68	\$ 11,857.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: 26 Jun 71
 To be Destroyed Jul 75

Brought Forward	\$
Total	\$ 49,645.00

Performance Completed: 12 Jul 68

Contract CLOSED: 10 Jun 69

CLOSED

Refund: \$ - 0 -

No	Contractor	Status	Contract Type & Authority
	(13 Sep 67 - 14 Oct 67)	(pre-contract fm)	

SUBJECT: Reduction and analysis of special high-frequency radio data. \$ 4,999.00
RAAE

Mr. Dow E. Evelyn, RAAE (Maj Webster, AFTAC, Tech Monitor)

Mod 1 \$

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRODO: Sep 92
To be Destroyed Jul 78

Brought Forward \$

Per ance Completed: 24 Nov 67

Total \$ 4,999.00

PAID: 4,999.00

Contract CLOSED:

Refund: \$ - 0 -

23 Aug 71 **CLOSED**

CPFF (a)(11)

**Contract Type
& Authority**

\$ 392,000.00

MAJ David L. Miller, TC.

Mod 1	Deletion of a calorimeter experiment of 12 channels under	\$	----
7	Project 8.55.		

	Time extension to 12 Apr 69.	
Mod 2	Increased costs incurred due to the delay of the HUDSON SEAL readiness date and extra work.	\$ 52,356.00
	Provide the capability to maintain a vacuum environment independent of the main HUDSON SEAL vacuum system.	

Mod 3 OH rates for '67 ----- 22

Mod 4 Time extension to 30 Aug 69. \$ --

Mod 5	Incorporation of OH rates for '68 and '69	\$	--
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Mod 6

Mod 7

Mod 8

Sent to FACEN: Aug 74
To be Destroyed Jul 79

	\$	
Brought Forward	\$	
Total	\$	444,356.00
PAID:		444,356.00

Per **ance Completed:**

Contract CLOSED:

Refund: \$ - 0 -

30 Jan 73

68-C-0033

EG&G Inc., Las Vegas

FP (a)(11)

Nr	Contractor	Status	Contract Type & Authority
	(5 Oct 67 - 5 May 68) (pre-contract fm)		

SUBJECT: Conversion of trailer to a mobile photo-processing facility.
TCDT

\$ 35,541.00

14 Sep 67
Capt Leonard C. Becker

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: 26 Jan 71
To be Destroyed Jul 75

Brought Forward

\$

\$

Total

\$ 35,541.00

Performance Completed:

12 July 1956

26 Sep 68

Record: -0-

No	Contractor	Status	Contract Type & Authority
	(1 Oct 67 - 31 Oct 68)	(pre-contract fm ---)	

SUBJECT: Perform studies in the nuclear field
APRS

\$ 176,825.00

Dr. N.F. Wikner -(Alternate COR-Mr. W.B. Wright)

Mod 1 Additional studies in the nuclear field.

\$ 15,640.00

Mod 2 Augmentation of level of effort.

\$ 11,129.00

Mod 3 Increase level of effort....

\$ 21,331.00

Mod 4 Additional technical effort.
(FY69 NWER - DB001)
Time extension to 31 Oct 69.

\$ 249,150.00

Mod 5 Expansion to include RAND's participation in the DIAMOND
DUST EVENT.
(ARPA Order 1401, Program Code 9F10)

\$ 24,990.00

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to PROEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

\$

Pe- iance Completed:

26 Oct 69

Total \$ 499,065.00

PAID: 484,738.98

Contract CLOSED:

Refund: \$ 14,326.02

26 Jan 71

CLOSED

68-C-0035	American Nucleonics Corporation	CPFF (A)(LL)
No	Contractor	Status
	(20 Sep 67 - 20 Dec 67)	(pre-contract fm)
		Contract Type & Authority

SUBJECT: ELF Propagation and communication effects in a Nuclear Environment \$ 12,607.00
RAAE

Mr. Dow E. Evelyn, RAAE

Mod 1 Investigation of Extremely Low Frequency (ELF) communication characteristics in a nuclear environment. \$ 36,590.00
Time extension to 30 Sep 68.

Mod 2 Additional work and Time extension to 31 Aug 69. \$ 57,664.00
(FY 69 NWER, HB051)

Mod 3 Additional technical effort. (FY69 NWERHB 051) \$ 49,770.00
Time extension to 28 Feb 70.

Mod 4 Additional effort. \$ 24,996.00
70 NWER HB 051 01
Time extension to 30 Jun 70.

Mod 5 Time extension to 17 Sep 70. \$ ---

Mod 6 Additional funds to cover OH adjustments. \$ 11,708.91

Mod 7 \$

Mod 8 \$

Sent to EDGEM: 2/72
To be Leased 4/76

Brought Forward \$

Total \$ 193,335.91

PAID: 193,335.91

Refund: \$ - 0 -

Once Completed: 17 Sep 70

Contract CLOSED:

20 Oct 71 **CLOSED**

68-C-0036

General Atomic

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(9 Oct 67 - 8 May 68)	(pre-contract fm N/A)	

SUBJECT: Evaluate the silicon neutron and gamma production cross sections. **10,086.00**

RARP

Capt R. W. Enz, RARP

Mod 1	Novation agreement	\$	---
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Mod 2	Need graphs to enhance usefulness of final report. (FY 69 NWER PC 102) Time extension to 8 Dec 68.	\$	1,168.00
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Mod 3		\$	
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8		\$	
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Sent to PROEN: May 72

To be Dostined Jul 77

Brought Forward \$

Per ance Completed:

Total \$11,254.00

PAID: 11,254.00

Contract CLOSED:

Refund: \$ - 0 0

21 Aug 70

CLOSED

68-C-0037 University of Wyoming Cost (A)(5)

No	Contractor	Status	Contract Type & Authority
	(25 Sep 67 - 25 Sep 69)	(pre-contract fm N/A)	

SUBJECT: Three Dimensional Stress Analysis of an Underground Silo
 STSP in Rock and Granular Material by Photoelastic Methods. \$ 9,900.00

LCDR Malcolm J. Macdonald, SPSS

Mod 1 Overrun costs. \$ 1,500.00

Mod 2 Time extension to 30 Apr 70. \$ --

Mod 3 Time extension to 10 Jun 70. \$ ---

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Performance Completed:

Contract CLOSED:

4 June 70
 Sent to FRCEN: May 72
 To be Destroyed Jul 77

Total \$ 11,400.00

PAID: 11,400.00

Refund: \$ - 0 -

21 Apr 71 **CLOSED**

No	Contractor	Status	Contract Type & Authority
	(1 Nov 67 - 31 Dec 68)	(pre-contract fm N/A)	
SUBJECT: Support of hardened systems development.			\$293,414.00
RAEV 5060020			

19 Feb 67
Maj John J. McGee, RAEV

Mod 1 Continuation of effort. Time extension to 31 Mar 70. \$ 173,937.00
TE060.06

Mod 2 Present STRETCH Symposium & provide TREE support \$ 76,639.00
70 NWER TE 060 07
Time extension to 31 Oct 70.

Mod 3 Radiation Vulnerability & hardening for Systems Application. \$ 90,115.00
71 NWER TE 060 07
Time extension to 31 Dec 72

Mod 4 Deletion of "Finalized" Hardness Verification Info Document \$ --

Mod 5 Time extension to 31 Dec 73. \$ 12,649.00
STRETCH Management Symposium
73 NWED @ Z99QAXTE 060 07

Mod 6 Time extension to 30 Jun 74 \$ ----

Mod 7 \$

Mod 8 \$

Brought Forward \$

Total PAID \$ 646,754.00
645,230.72

Refund: \$ 1,523.28

ance Completed: 17 Jun 74

Contract CLOSED: 12 Jul 76

SENT to FRCEN: FEB 1977

To be Destroyed 0582

No	Contractor	Status	C (a)(6) Contract Type & Authority
	(4 Oct 67 - 30 Sep 68)	(pre-contract in N/A)	

SUBJECT: Defence Research Establishment Suffield (DRES) support of US \$ 69,000.00
STSP participation on Operation PRAIRIE FLAT.

Maj Christman, SPLN (Mr. Keefer, US Army Ballistic Res Lab-Tech Director

Mod 1 Further funding for specific projects of this operation. \$116,500.00

Mod 2 Two additional projects (biomedical) \$ 122,160.00
 (FY68, 35XLNX401 and 35XLNX402)

Mod 3 Additional scope. \$ 75,400.00

Mod 4 Increase cost of the field support of Project LN319. \$ 5,500.00

Mod 5 Time extension to 31 Dec 68. \$ ----

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Per ance Completed:

Contract CLOSED:

Sent to RCEN: May 72
 To be Destroyed Jul 77

Total	\$ 388,560.00
PAID:	388,560.00
Refund:	\$ - 0 -

29 Dec 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Oct 67 - 31 Dec 68)	(pre-contract fm NA)	

SUBJECT: Assist DASA in planning research and test programs which are \$ 200,000.00
 APRS concerned with the nuclear weapons effects problems of
 strategic weapons systems.

Dr. N.F. Wikner (Alternate GOB.Mr. Wright)

Mod 1 Time extension to 30 Apr 69. \$ ---

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 72

Brought Forward

\$
\$

Pe- ance Completed: March 1970

Total \$ 200,000.00
 PAID 200,000.00

Contract CLOSED:

CLOSED 23 Oct 75

Refund: \$ -0-

68-C-0041 Cornell University

Cost (a)(5)

No

Contractor

Status

Contract Type
& Authority

(15 Nov 67 - 15 Dec 69) (pre-contract fm)

SUBJECT: Analysis of Ground Shock Propagation in Layered Media
STSP

\$ 82,066.00

68-0041
100567

Maj Mosteller, Jr. SPSS

Mod 1 Time extension to 15 Oct 70

\$ ---

Mod 2 Time extension to 26 Oct 71.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRECEN: Aug 71
To destroyed Jul 72

Brought Forward

\$

\$

Performance Completed: 26 Oct 71

Total \$ 82,066.00

PAID: 82,066.00

Contract CLOSED:

Refund: \$ - 0 -

19 Jan 73

CLOSED

68-C-0042 Systems, Science and Software CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(20 Oct 67 - 20 Jan 69)	(pre-contract fm)	

SUBJECT: Nuclear weapons effects analysis \$ 99,996.00
DDST

RB

Dr. John Northrop, DDST

Mod 1	Additional design effort on underground tests... and other related tasks.	\$ 661,703.00
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NB

Mod 2	Additional tasks. (FY69 NWET J24AAXYX983)	\$ 98,000.00
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RB
2.9.78

Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

	Brought Forward	\$	
Per - vance Completed:	Total	\$ 859,699.00	
	PAID:	859,699.00	
Contract CLOSED:	Refund:	\$ - 0 -	

May 69 Sent to FRCEN: by 12
To be Destroyed Jul 78

9 Nov 71

88-C-0043	Braddock, Dunn & McDonald, Inc.	CPFF (a)(11)
No	Contractor	Status
	(16 Oct 67 - 1 Mar 68)	(pre-contract fm)
		Contract Type & Authority

SUBJECT: Fault Analysis Program in support of CARDS field test. \$28,447.00

28

Mr. Charles E. Jacobs, JTF-2

Mod 1 Amendment of Quick-Look Data Analysis Contract for CARDS \$ 5,581.00
to include computer time

Mod 2 Increase scope of work \$ 12,457.00
Time extension to 31 Mar 68

Mod 3 Redirection of effort. \$34,480.00
Time extension to 6 Jun 68.

Mod 4 Additional effort. \$ 1,862.00
Time extension to 31 July 68.

Mod 5 Additional funds for adjustments on OH rates \$ 2,278.16

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

Performance Completed:

Total \$ 85,105.16
Paid: 84,996.06

Contract CLOSED:

Refund: \$ 109.10

30 Oct 68

Apr 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(26 Oct 67 - 15 Feb 68)	(pre-contract fm 15 Sep 67)	

SUBJECT: Free field calculations for five specified surface bursts \$ 88,444.00
STSP(SPSS) on alluvium.

Maj Mosteller, STSP

Mod 1 Cratering and stress wave calculations with 2D SHAPE Code. \$ 71,513.00
Time extension to ~~15 Dec 68~~ 15 Jan 69.

Mod 2 Time extension to 31 May 69. \$ ---

Mod 3 Changes in scope of work and Time extension to 1 Nov 69. \$ ---

Mod 4 Additional scope of work \$ 74,400.00
(FY 70 NWER SB 047 02)
Time extension to 31 Oct 70.

Mod 5 Time extension to 1 October 1971. \$ ---

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Finance Completed: 1 Oct 71

Total PAID \$ 242,228.00
242,228.00

Contract CLOSED:

Refund: \$ -0-

CLOSED

23 Oct 73

68-C-0045 Research Triangle Institute

No	Contractor	Status	Contract Type & Authority
	(8 Nov 67 - 8 Feb 69)	(pre-contract fm N/A)	

SUBJECT: Latch-up in Dielectric Isolated Integrated Circuits.
RAEV

\$ 99,458.00

96
24 Oct 67
Maj John J. McGee, Jr. RAEV

129
20
Mod 1 Incorporate OH Rate Clause.
and rates for FY's thru 1969.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

Performance Completed:

10 Mar 69

Total \$ 99,458.00

PAID: 99,458.00

Contract CLOSED:

Refund: \$ - 0 -

28 May 70

CLOSED

68-C-0046 EG&G, Inc.		CPFF (a)(11)	
No	Contractor	Status	Contract Type & Authority
	(15 Nov 67 - 15 May 69)	(pre-contract fm NA)	
SUBJECT: Optical measurements of Polar Cap Absorption Phenomena RAAE			\$ 15,000.00
Dr. Charles Blank, RAAE			
Mod 1	Acquisition of optical data (known as Project 8.4 PCA) during the DASA sponsored 1969 Polar Cap Absorption Measurements Program. FY69 NWER HD 031)		\$ 14,660.00
Mod 2	Time extension to 1 Aug 69.		\$ ---
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Total			\$ 29,660.00
PAID:			29,660.00
Refund:			\$ - 0 -

Per :ance Completed: July 69

Contract CLOSED:

Sent to FROEN: May 72
To be Destroyed Jul 77

Per: ance Completed:

Contract CLOSED:

Sent to FRCEN: May 72
To be Destroyed Jul 77

CLOSED

13 May 71

SIP
27 Dec 67

58 Jan 69

1 D
12 Jan 70

KMS Industries, Inc.

(formerly)

68-C-0047 Heliodyne Corp.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
		(1 Nov 67 - 15 Feb 68) (pre-contract fm 13 Oct 67)	

SUBJECT: Development of the "SUPER PUFF" Computer Program for Predicting Nuclear Weapons Effects. \$ 26,642.00

SPAS

Mr. Wright (Mr. Moulton as alternate)

Mod 1 Time extension to 15 Apr 68. \$ ---

Mod 2 Novation agreement. \$ --

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FROEN. Sep 70

To be Destroyed Jul 78

Brought Forward \$

Per. ance Completed:

Total \$ 26,642.00

PAID: 23,948.46

Contract CLOSED:

Refund: \$ 2,693.54

3 Sep 71 **CLOSED**

68-C-0048 EG&G, Inc. (Boston)

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(4 Dec 67 - 2 Mar 69)	(pre-contract fm N/A)	

SUBJECT: MIGHT SKY Project 8.4 Readiness Attainment.

\$ 272,000.00

TC

Mr. William S. Isengard, TC

Mod 1 Change of scope -

\$ ----

Mod 2 Preparation of Instrument Packets for DASA Aircraft
MIGHTY SKY Subtask 804

\$ 17,976.00

Mod 3 Mechanical Fabrication & Integrated test of Automatic Aiming
Mount MIGHTY SKY SUBTASK 804
Time extension to 31 Jan 1970

\$161,904.00

Mod 4 Changes in Scope of work
~~(KX)X~~

- \$10,891.00 (decrease)

Mod 5 Additional costs for overrun due to adjustment.
(68 & 69 NWET K43AAXH804 02)
Time extension to 30 Jun 70.

\$ 17,633.00

Mod 6

\$

Mod 7

\$

Mod 8

\$

Performance Completed:

16 Apr 71

Sent to FRCEN:
To be Destroyed

Brought Forward

Aug 78
Jul 79

Total

PAID:

\$ 458,622.00

458,622.00

Contract CLOSED:

Refund: \$ - 0 -

8 Jun 73

CLOSED

3-C-0049 Electro-Optical Systems, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Dec 67 - 30 Nov 68)	(pre-contract fm NA)	

SUBJECT: MIGHTY SKY Project 6.2 Maintenance of Test Readiness
RAAE

\$ 40,161.00

E. W. Edgerton
LCDR ~~xxxxxx~~ Edgerton, TC

Mod 1 Extension of current MTR contract and accomplish an additional 8,095.00
data reduction and analysis task.
Time extension to 30 Jun 69.

Mod 2 Novation agreement.

\$ ---

Mod 3 Decrease in scope of work

- \$ 7,279.00 (Decrease

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

Brought Forward

\$

mance Completed:

Total \$ 40,977.00
PAID 40,522.78

Contract CLOSED:

Refund: \$ 454.22

CLOSED

14 Feb 75

No	Contractor	Status	Contract Type & Authority
	(1 Dec 67 - 30 Apr 68)	(pre-contract fm 15 Sep 67) (\$40,000.00)	
SUBJECT: Conduct the LOS Pipe Closure Simulation Tests			\$ 87,440.00
SPAS			

Dr. John Northrop, DDST (Maj Logie - alternated COR)

Government

Mod 1	Furnish 5,000lbs of explosive - increase Task 1 and delete Task 2.	\$ 3,125.00 (decrease
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward

Performance Completed:

Contract CLOSED:

Total \$ 84,315.00

PAID: 84,315.00

Refund: \$ - 0 -

29 May 69 Sent to FRCEN: May 72
To be Destroyed Jul 77
13 Nov 70

68-C-
0051 - 0075

68-C-0051 Ion Physics Corporation

CPFF (a)(11)

Contractor

Status

Contract Type

(15 Nov 67 - 15 Oct 68) (pre-contract fm N/A)

& Authority

SUBJECT: Research on Beam Stopping Due to Self-Magnetic Compression
RAEV

\$ 99,964.00

Maj Carleton H. Jones, Jr., RAEV

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

\$

Completed:

16 Dec 68

Sent to FRCEN: May 70
To be Destroyed Jul 77

Total

\$ 99,964.00

PAID:

99,964.00

Contract CLOSED:

Refund:

\$

- 0 -

28 Jan 71

CLOSED

68-C-0052 Cornell Aeronautical Laboratory Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Nov 67 - 1 Mar 69)	(pre-contract fm 10 Sep 67)	
		\$2,500.00)	

SUBJECT: Investigation of Ionospheric D-Region Properties During \$ 50,000.00
RAAE Polar Cap Absorption Events.

Dr.

~~Dr. A. Blank, RAAE~~

Continued effort.

Mod 1 Change in geographic location to Fort Churchill, Canada- \$ 100,000.00
(FY 69 NWER HD 031)
Time extension to 28 Feb 70.

Mod 2 Study of D-Region Properties during Polar Cap Absorption \$ 34,980.00
Events at Fort Churchill, Canada.
(FY70 NWER HD 031)

Mod 3 Further study \$ 31,337.00
(70 NWET K11 BAX HX 530 03)
Time extension to 30 Apr 71.

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward

Per Completed:

Sent to FRCEN: Aug 74

To be Destroyed Jul 79

Total	\$ 216,317.00
PAID:	216,317.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

21 Sep 72

68-C-0053 Ion Physics Corporation		CPFF (a)(11)
No	Contractor	Status
	(20 Nov 67 - 31 Jul 68)	(pre-contract fm)
		Contract Type & Authority
SUBJECT:	The Development of a 200 KV, 9500 PF (190 J) Coaxial Mylar Disc Energy Storage Capacitor.	
RAEV		\$ 34,855.00

95
17
Capt Calvard S. Allen. RAEV

Mod 1	\$
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Mod 2	\$
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Mod 3	\$
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Mod 4	\$
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Mod 5	\$
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Mod 6	\$
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Mod 7	\$
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Mod 8	\$
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Sent to FREEN: Jan 72
To be Destroyed Jul 76

Brought Forward	\$
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Per: Once Completed: 1 AUG 68

Contract CLOSED:

5 Feb 70

CLOSED

Total	\$ 34,855.00
Paid:	28,709.89
Refund:	\$ 6,145.11

68-C-0054 General Electric Company (Schenectady NY)

CPFF (a)(11)

No

Contractor

Status

Contract Type

(2 Jan 68 - 31 Mar 69) (pre-contract fm)

& Authority

SUBJECT: Theory of Magnetic Interactions in Expanding Shocks

\$ 35,866.00

RAAE

IJC Clyde C. Reynolds, RAAE

Mod 1

Detailed Computations of High Altitude Expanding Shocks.
(FY68NWER, RHA 3040)

\$ 14,600.00

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward

\$

\$

Per nce Completed:

Total \$ 50,466.00

PAID: 50,466.00

Contract CLOSED:

Refund: \$ - 0 -

15 Dec 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(14 Nov 67 - 13 Feb 69)	(pre-contract fm 16 Oct 67) (\$6,000.00)	

SUBJECT: Develop an accurate and Economical Radiative Transfer Code \$ 99,393.00
RARP

R.G. Reinhardt
LTC G. C. Reinhardt, RARP

Mod 1 \$

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FROEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$
\$

Total \$ 99,393.00
PAID: 99,336.00

Performance Completed: Dec 1968

Contract CLOSED:

Refund: \$ 57.00

15 Dec 71

CLOSED

68-C-0056 Stanford Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(20 Nov 67-29 Feb 69)	(pre-contract fm)	

SUBJECT: Warhead Selection Study
 SPAS

\$ 98,617.00

Mr. Rubenstein, SPAS

Mod 1 Vehicle Testing in Support of AHM Warhead Selection.
 (FY68 NWER, RAS 1122)

\$ 98,794.00

Mod 2 Time extension to 1 May 69.

\$ ---

Mod 3 OH rates for '67

\$ ---

Mod 4 Addt'l funds for overrun.
 Time extension to 30 Jun 69.

\$ 11,487.00

Mod 5 Time extension to 15 Aug 69

\$ ----

Mod 6 Incorporation of OH rates for '68 and 1969

\$ --

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Per ance Completed:

Contract CLOSED:

Total \$ 208,898.00

PAID: 208,898.00

Refund: \$ - 0 -

Sent to FROEN: Sep 72
 To be Destroyed Jul 76

24 Apr 72
CLOSED

68-C-0057

Lockheed Missiles & Space Company

CPFF (a)(11)

No

Contractor**Status**

**Contract Type
& Authority**

SUBJECT:

Underground Test Diagnostics - HUDSON SEAL

\$ 377,015.00

CDR D. D. Swift

Kirk Hall

Wakelock Technology-Tech Monitor)

Mod 1

Additional work.

\$ 30,492.00

Mod 2

Extension of contract - "Test Event Delay"

\$ 24,923.00

Mod 3

Reanalysis of HUDSON diagnostics

\$ 17,095.00

Mod 4

'67 OH rates

\$ **100,000**

Mod 5

1968 OH rates

§ 100.10

Mod 6

\$

Mod 7

4

Mod 8

Sent to FRCEN: Sep 72
To be Destroyed Jul 75

Brought Forward

22

P **formance Completed:**

Total \$ 449,525.00

PAID: 444,586.29

Contract CLOSED:

Refund: \$ 4,938.71

27 Dec 71

CLUB

68-C-0058 Lockheed Aircraft Corporation
Lockheed Missiles and Space Company

CPFF (a)(11)
Contract Type
& Authority

No Contractor Status
(27 Nov 67 - 31 Jan 69) (pre-contract fm NA)

SUBJECT: Study of Energy Coupling Phenomenology in High Altitude Nuclear Detonations: A Feasibility study of an experimental Program. \$ 134,917.00
RAAE

LTC H. C. Fitz, Jr. RAAE

Mod 1 Time extension 31 May 69. \$ 1/2---

Mod 2 '67 OH rates \$ --
Time extension to 30 Jun 69.

Mod 3 Incorporation of OH rates for 1968. & 1969 \$ ---

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN: Sep 72

To be Destroyed Jul 78

Brought Forward \$

Finance Completed:

Total \$ 134,917.00

PAID: 134,917.00

Contract CLOSED:

Refund: \$ - 0 -

25 Jan 72

CLOSED

68-C-0059 Hughes Aircraft Company

No	Contractor	Status	Fixed-Price (A)(11)
	(8 Dec 67 - 8 Dec 68)	(pre-contract fm)	Contract Type & Authority

SUBJECT: Study of Coaxial Cables in the Radiation Environment.
RAEV

\$ 59,101.00

LR 5 Dec 67
Lt JG Richard K. Stevens, RAEV

1D 5/14/69
Mod 1 Time extension to 31 Mar 69.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

\$

Total \$ 59,101.00

Performance Completed:

Contract CLOSED:

Refund: \$ - 0 -

17 Jul 69

CLOSED

68-C-0060

General American Transportation Company

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(28 Nov 67 - 28 Nov 68) (pre-contract fm NA)

ARPA
SUBJECT:
STSPDetonable Gas Explosions in Drill Holes as Seismic Signal
Generators

\$39,850.00

Maj Lewis J. Cauthen, Jr., SPLN

Mod 1

Time extension to 30 Jun69

\$ ---

Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRECEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

Total \$39,850.00
PAID: 39,850.00

REFUND: - 0 -

Performance Completed:

15 Jan 70
21 Aug 70
CLOSED

68-C-0061 University of California, School of Medicine

C (A)(5)

Contractor

Status

Contract Type
& Authority

(1 Nov 67 - 1 Feb 69) (pre-contract fm 1)

SUBJECT: Photostress Recovery and Macular Function

\$38,630.00

STMD

Maj E. W. Blackburn, STMD

Mod 1

OH Rates for FM thru '69

\$ ---

Mod 2

Time extension to 31 Aug 69.

\$ ---

Mod 3

Physiological Effect of Photostress upon Retinal Function.
(FY69 NWER MB 166)

\$ 20,000.00

Time extension to 30 Apr 70.

Mod 4

Incorporation of rates thru 31 Dec 70.

\$ ---

Mod 5

Time extension to 30 Apr 71.
Change reporting requirements.

\$ ---

Mod 6

Incorporation of rates for 1971

\$ --

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total \$58,630.00

PAID: 58,620.73

REFUND: 9.27

Performance Completed:

40 J 71

(15 Dec 71)

CLOSED

68-C-0062 ART Research Corporation

FP (a)(11)

No

Contractor

Status

Contract Type
& Authority

(11 Oct 67 - 11 Aug 68) (pre-contract fm NA)

SUBJECT:
RAEVDevelopment of a Monte Carlo Computer Program for Electron
Transport.

\$ 35,000.00

Maj John J. McGee, Jr., (Lt Helmick, AFWL-Tech Monitor)

Mod 1

\$

Mod 2

\$

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: 26 Jan 71
To be Destroyed Jul 75

Brought Forward

\$

\$

Total

\$ 35,000.00

Performance Completed:

14 Oct 68

7 Nov 68

Gulf		CPFF #a)(11)
No	Contractor	Contract Type & Authority
68-C-0088	General Atomic, Inc.	
	(1 Dec 67 - 30 Nov 68) (pre-contract fm NA)	

SUBJECT: Test Noise - Minimizing Techniques for signal cabling \$45,816.00
RAEV

Lt JG Richard K. Stevens, RAEV (Mr. Caldwell, HDL, Tech Mon)

Mod 1 Time extension to 31 May 69. \$ ---

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRECEN: May 72
To be Destroyed Jul 77

Brought Forward	\$
Total	\$ 45,816.00
PAID:	45,816.00
Refund:	\$ - 0 -

Balance Completed: 14 Aug 69

Contract CLOSED:

13 Nov 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Feb 68 - 30 Apr 69)	(pre-contract fm --)	

SUBJECT: Inorganic Photochromics for Eye Protection Against Nuclear Explosion. (Con't DASA funded AF Cont-F41609-67-C-0043). **\$ 99,848.00**
STMD Subtask: RMD2.151

Fountain
 LTC Edward W. Fountain, STMD (TechMon-Mr. Richey, USAF, Texas)

Mod 1 Change in scope of work. Time extension to 31 May 69. \$ ----

Mod 2 Time extension to 27 Aug 69 \$ ---

Mod 3 Novation agreement. \$ ---

Mod 4 Incorporation of OH rates for year 1968. \$ ---

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward \$

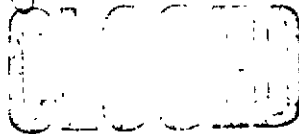
Total \$ 99,848.00

PAID: 99,757.98

Refund: \$ 90.02

Finance Completed: 27 Aug 69

Contract CLOSED: 16 Dec 71



No	Contractor	Status	Contract Type & Authority
	1 Dec 67 - 31 Dec 68	(pre-contract in 1 Nov 67)	

SUBJECT: Effectiveness of Reentry Vehicles and Nuclear Weapons
DDST

\$96,090.00

May Shaver
~~Mr. Rubenstein~~ ~~Dr. Eugene Haddad~~

Mod 1 Augment the original scope of work .
(FY68 NWER, RAS 1127)

\$ 47,882.00

Mod 2 Time extension to PHASE I and II.

\$ ---

Mod 3 Vehicle Vulnerability to Dust and Debris (U)
Time extension to 31 Mar 70.
(NY69 NWER AA127)

\$151,151.00

Mod 4 Additional analysis and assist in development of
dust/debris models
(FY 69 NWER, Subtask AA 127 Dust Effects, Work Unit AA 1271)

\$ 50,000.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Set to be destroyed: *Aug 74*
To be Destroyed *Jul 80*

Brought Forward

\$

Performance Completed:

Total \$ 345,123.00
PAID 342,755.79

Contract CLOSED:

Refund: \$ 2,367.21

30 Mar 70
CLOSED
12 Nov 73

68-C-0066

Maxwell Laboratories, Inc.

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(1 Mar 68 - 30 Sep 68) (pre-contract fm 19 Nov 67)

SUBJECT:
RAEVDevelop Capacitors and Switches for Fast High Voltage, High
Energy Pulse Generators.

\$ 133,277.00

Maj Carleton H. Jones, Jr., RAEV

Mod 1

To develop advanced components and systems for application
to high-power, high-voltage simulation facilities.
(FY68 NWER, RRL 2061)
Time extension to 20 Aug 69.

\$ 392,942.00

Mod 2

400 KJ Marx Generator Development Project
(FY69 NWER, B065)
Time extension to 23 Sep 69.

\$ 403,717.00

Mod 3

Test & optimize fast marx pulse charger.
Time extension to 22 Feb-70.

\$199,980.00

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed:

30 Oct 70 Sent to WISEN May 72
To be completed Jul 77

Total \$ 1,129,916.00

PAID: 1,129,916.00

Contract CLOSED:

Refund: \$ - 0 -

11 Jun 71

CLOSED

68-C-0067 Battelle Memorial Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(2 Jan 68 - 31 Mar 69)	(pre-contract fm N/A)	

SUBJECT: Update and revise TREE Handbook
RAEV

\$ 78,850.00

Ltjg Richard K. Stevens, RAEV

Mod 1 Additional unanticipated costs.
(FY69 NWER TE 017)
Time extension to 30 Sep 69.

\$ 6,050.00

Mod 2 Additional work. (expanded distribution) -Incorp of OH Neg
(FY 70 NWER TE 017 01) Clause
Time extension to 31 Dec 69.

\$ 600.00

Mod 3 Change to OH rates (negotiated) clause

\$ --

Mod 4 Funds for report processing costs.
70 NWER TE 017 01
Time extension to 10 Oct 70.

\$ 3,100.00

Mod 5 Time extension to 7 Jan 71.

\$ ---

Mod 6

\$

Mod 7

\$

Mod 8

\$

See L. FROEN: Sep 74
To be Destroyed Jul 80

Brought Forward

\$

Performance Completed:

Total \$ 88,600.00
PAID: 88,600.00

Contract CLOSED:

Refund: \$ - 0 -

24 Sep 73

CLOSED

68-C-0068 EG&G, Inc. (Boston), Mass)

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(2 Jan 68 - 31 Aug 68) (pre-contract fm	N/A	

SUBJECT: Development of a Super Cogen Machine
RAEV

\$ 203,565.00

2
LtJG J. M. Wachtel, RAEV

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward \$

Total \$ 203,565.00
PAID: 203,565.00

Performance Completed:

12 Nov 68

(10 Jun 70)

CLOSED

REFUND: - 0 -

68-C -0029	The California Institute of Technology	C	(a)(5)
No	Contractor	Status	Contract Type & Authority
	(1 Jun 68 - 31 Aug 69) (pre-contract fm N/A)		
-ARPA			
SUBJECT:	Evaluation of Equation-of-State Data		\$36,401.00
SPSS			

17 Dec 67

Mod 1	OH rates for FY 68	\$	--
Mod 2	OH rates for 69.	\$	---
Mod 3		\$	
Mod 4		\$	
Mod 5		\$	
Mod 6		\$	
Mod 7		\$	
Mod 8		\$	

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

16 Jul 70

CLOSED

Brought Forward	\$
Total	\$ 36,401.00
PAID:	36,371.51
REFUND:	\$29.49

Performance Completed: 27 Dec 71

88C-0070 Stanford Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(15 Jan 68 - 30 Sep 68) (pre-contract fm N/A)		

SUBJECT: Development of a flat-energy-response radiation detector.
SPAS Subtask 11 A AS X 502.

\$ 23,100.00

Lt R. A. Armistead, RA SPAS

Mod 1 Time extension to 15 May 69.

\$ --

Mod 2 Time extension to 15 Oct 69

\$ ---

Mod 3 Incorporation of OH rates for '68 and 1969

\$ --

Mod 4 Additional funds to cover overhead adjustment.
J11AAXAX502 08

\$ 818.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

Total

\$ 23,918.00

PAID:

23,917.69

Performance Completed:

REFUND: \$ 0.31

CLOSED

No	Contractor	Status	Contract Type & Authority
	(20 Dec 67 - 20 Jun 68) (pre-contract fm 1 Nov 67)		
SUBJECT: RAEV	Calculation of EMP Produced by High Altitude Nuclear Effects.		\$ 27,642.00

2/10/68
Capt Calvard S. Allen, RAEV

Mod 1

\$

Mod 2

\$

Mod 3

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Mod 4

\$

Mod 5

\$

Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

Total \$ 27,642.00
PAID: 27,642.00

Performance Completed:

1 Feb 68

23 Oct 70

CLOSED

REFUND: \$ - 0 -

No	Contractor	Status	Contract Type & Authority
	(21 Dec 67 - 21 Mar 68)	(pre-contract fm 22 Nov 67)	

SUBJECT: Investigation of validity and/or omission of models and parametric relations used in a major code now in use.

\$ 68,663.00

R.B.
Mr. J. F. Moulton, SPAS

Mod 1 Additional work to the existing program. \$298,415.00
(FY68 NWER RAS 1106)
Time extension to 31 Mar 69.

Mod 2 Change reporting requirements. \$ ----

Mod 3 Additional work. \$ 99,600.00
(FY69 NWER, AA106)
Time extension to 30 Nov 69.

Mod 4 Develop Improved Predictive Techniques for Radiation \$ 248,128.00
Interactions (U)
(FY69 NWER AA 106)

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Aug 74
To be Destroyed Jul 79

Brought Forward \$

Per ance Completed:

Total \$ 714,806.00

PAID: 714,695.00

Contract CLOSED:

Refund: \$ 111.00

30 Nov 69
30 Aug 72
CLOSED

68-C-0073

Stanford Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(24 Jan 68 - 23 Apr 69) (pre-contract fm N/A)		
SUBJECT: LF/VLF Communication Analysis.			\$ 193,878.00

Mr. Dow E. Evelyn, RAAE

Mod 1	Provide necessary computational facilities and personnel to perform the computations. Time extension to 15 Dec 69	\$59,025.00
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Mod 2	Time extension to 31 Mar 70. Incorporation of OH rates for 1968.	\$ --
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Mod 3	Funding to cover overhead and G&A costs.	\$ 7,069.00
-------	--	-------------

Mod 4	Incorporation of OH rates for 1969 and 1970	\$ --
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRGEN: Sep 72
To be Destroyed Jul 78

Brought Forward \$

Total	\$259,972.00
PAID:	259,972.00

REFUND: - 0 -

Performance Completed: 30 Dec 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(15 Jan 68 - 31 Mar 69)	(pre-contract fm N/A)	

SUBJECT:
STSP

Undertake crater studies for Operation PRAIRIE FLAT as
Project LN301

\$ 21,375.00

LTC Christman, SPLN

Mod 1 Time extension to 31 Jul 70.

\$ ---

Mod 2

\$

Mod 3

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Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

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Brought Forward

\$

Per ance Completed:

Contract CLOSED:

Total \$ 21,375.00
PAID: 21,375.00

Refund: \$ - 0 0

Sent to FROZEN: May 72
To be Destroyed Jul 77

CLOSED

29 Dec 70

No	Contractor	Status	Contract Type & Authority
	(1 Feb 68 - 31 Jan 69)	(pre-contract fm N/A)	

SUBJECT: Refine and validate current soil-structure interaction model \$ 70,823.00
STSP Subtask RSS3061.

CDR Malcolm J. Macdonald, STSP

Mod 1 Spartan Launch Station Shook Isolation Analysis. \$ 18,942.00
 (FY69 NWER SC061)
 Time extension to 15 Apr 69.

Mod 2 Review of SENTINEL Free-Field Motion Criteria. \$ 13,710.00
 (FY69 NWER SC061 SC 3440)
 Time extension to 31 May 69.

Mod 3 Time extension to 30 Nov 69. \$ -----

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: May 72
 To be Destroyed Jul 77

Finance Completed: 3 Dec 69

Contract CLOSED:

Brought Forward

Total \$ 103,475.00

PAID: 103,475.00

Refund: \$ - 0 -

3 Mar 71

0078 - 0100

68-C-0076 Wolf Research and Development Corp.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(15 Jan 68 - 31 Mar 69)	(pre-contract fm N7A)	

Subject: Studying the self-calibration capability of the Tel Track System 38,339.00
JTF-8 and analysis and development of more streamlined and reliable
data reduction techniques.

LTC Judd T. Harris, Jr., JTF-8

Mod 1	Reduction in Scope	\$ 27,737.00 (decreas
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total \$ 10,602.00

PAID: 10,516.57

Per *ince* completed: 1 Jul 68

Con. CLOSED:

Refund: \$ 85.43

16 Mar 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(23 Jan 68 - 31 Aug 69)	(pre-contract fm)	
SUBJECT: Polar Cap Absorption Tracking and Telemetry Support			\$130,042.00
JTF-8 Project 9.6			

LTC Cudd T. Harris, Jr., JTF-8

Mod 1	Change distribution list. Change scope - Reduce time to 30 Jun 68.	\$ 23,267.00 (decrease)
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward \$

Finance Completed:

Total \$ 106,775.00

PAID: 106,692.88

Contract CLOSED:

Refund: \$ 82.12

CLOSED

68-C-0078

Division of United Aircraft Corp.

FP

No

Status

Contract Type
& Authority

- 31 May 68) (pre-contract fm)

SUBJECT: Airborne Ranging and Telemetry Systems Components for Polar
JTF-8 Cap Absorption Program

\$ 132,926.00

LTC Judd T. Harris, Jr., JTF-8

Mod 1 - Insert "Government Property" Clause.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

Per - nce Completed:

2 Aug 68

Total

\$ 132,926.00

Contract CLOSED:

Refund:

\$ - 0 -

26 Sep 69 **CLOSED**

68-C-0079	EG&G, Inc. (Albuquerque, N. M.)	CPFF	(a)(11)
No	Contractor	Status	Contract Type & Authority
	(28 Feb 68 - 31 Jan 69)	(pre-contract fm 8 Jan 68)	
		(\$150,000.00)	
SUBJECT XXX DIANA MOON Program			\$1,054,400.00

COLONEL John A. B. Bower, TC

Mod 1	Additional work- Above Ground Hardware System.	\$ 142,490.00
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CDR ML. L. Scott, TC

Mod 2	Additional tasks. Time extension to 28 Feb 69.	\$ 118,389.00
-------	---	---------------

Mod 3	Time extension to 28 Jul 69	\$ --
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sen. To be Destroyed
9 July 74
18 Jul 80

Brought Forward	\$ 1,315,279.00
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Total	\$ 1,306,748.91
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ance Completed:

Contract CLOSED:

Refund:	\$ 8,530.09
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9 July 69
18 Jul 73

No	Contractor	Status	Contract Type & Authority
	(10 Jan 68 - 31 Dec 68)	(pre-contract fm)	

SUBJECT: Logistic support by the Defence Research Establishment Suffield, Ralston, Alberta, for the HARD ROCK Test Series.

\$ 26,600.00

STSP

LTC J. O. Putnam, SPSS

Mod 1 Change of Scope of work....

\$ -----

Mod 2 Time extension to 31 Dec 69.

\$ ----

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Pe ance Completed:

31 Dec 69 Sent to ARDEN May 72
To be completed Jul 77

Total \$ 26,600.00

PAID: 26,600.00

Contract CLOSED:

Refund: \$ 0

29 Dec 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Feb 68 - 30 Apr 69)	(pre-contract fm N/A)	

SUBJECT: Study of mechanical properties of earth materials under the effect of shock propagation. \$39,181.00
STSP

Ensign C. B. McFarland, SPSS

Mod 1 - Prediction of Free Field Motions by Nuclear Explosions. \$ 44,000.00
(NWER SB 047)
Change reporting requirements.
Time extension to 17 May 70.

Mod 2 Funds for OH adjustments \$ 1,789.23
71 NWER SB 047 08

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

	Brought Forward	\$
Per	nce Completed:	\$
	Total	\$ 84,970.23
	PAIDP	84,970.23
Contract CLOSED:	Refund:	\$ - 0 -

Sent to FRECN: May 72
To be Destroyed Jul 77

23 Jun 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 31 Aug 69)	(pre-contract fm)	

SUBJECT: Participation in Operation PRAIRIE FLAT

\$ 226,962.00

STSP

STSP

LTC Daniel P. Christman/(Mr. Keefer, BRL, TechDir)

Mod 1	Additional funds to cover un-anticipated costs in accomplishing the original scope of work. (FY69 NWET EXSX324) Time extension to 31 Oct 69.	\$ 21,148.00
-------	--	--------------

Mod 2	Incorporation of OH rates for '68	\$ --
-------	-----------------------------------	-------

Mod 3	Incorporation of OH rates for 1969	\$ --
-------	------------------------------------	-------

Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FROEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total \$ 248,110.00

PAID: 248,110.00

Refund: \$ - 0 -

Finance Completed: 15 Dec 69

Contract CLOSED:

19 Jan 72

CLOSED

68-C-0083 Rhodes & Bloxson

FP (a)(11)

No	Contractor	Status	Contract Type & Authority
	(8 Jan 68 - 15 Jan 68)	(pre-contract fm N/A)	

SUBJECT: Research relating to the erosive effect of dust on re-entry vehicles (Subtask RAS 1127) \$ 135,400.00

SPAS

Mr. M. J. Rubenstein, SPAS

Mod 1	Additional 20 runs	\$ 55,860.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FRCEN: 26 Jan 71
To be Destroyed Jul 75

Brought Forward

\$

Total \$ 189,383.98

F nance Completed: Oct 68

Contract CLOSED: 11 March 1969 Closed

Refund: \$ 1,876.02

68-C-0084	Kaman Nuclear	CPFF (a)(11)
No	Contractor	Status
	(26 Jan 68 - 25 Jan 69)	(pre-contract fm)
		Contract Type & Authority

SUBJECT: Assist DASA in nuclear weapons effects research activities. \$ 49,540.00
SPAS

~~Maj Austin Lowrey III, BRAS~~ Dr. Eugene Haddad, DDST

Mod 1 Increase of effort - 7 tasks \$147,220.00
(FY68, NWER, \$AS 3301) 6)0
Time extension to 31 Mar 69

Mod 2 Change of name. \$ ----

Mod 3 Modify slightly the program. \$148,367.00
(FY69 NWER AC 301) 6)1
Time extension to 31 Mar 70.

Mod 4 Additional work \$ 124,654.00
(69 NWER AC 301.01 \$50,000
70-NWER AC 301.01 \$74,654)
Time extension to 31 Mar 71

Mod 5 Continuation of tasks \$ 74,600.00
71 NWER AC 301 01
Time extension to 30 Nov 71

Mod 6 Time extension to 31 Jul 72. \$ --

Mod 7 \$

Mod 8 \$

SENT
To be delivered

SEP 74
JUL 80

Brought Forward \$

Performance Completed: 31 Jul 72

Contract CLOSED:

CLOSED

9 NOV 73

Total PAID \$ 544,381.00
542,323.06

Refund: \$ 2,057.94

58-C-0085

Gulf General Atomic

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 31 May 69)	(pre-contract fm --)	

SUBJECT: Support in nuclear effects analysis, testing, technical assistance and instrumentation.

\$101,068.00

RAEV

Maj John J. McGee, Jr., RAEV

Mod 1 Additional work.

\$ 148,750.00

FY69 K11B AXEX)

Time extension to 30 Apr 70.

Mod 2 Time extension to 30 Sep 70.

\$ --

Mod 3 Novation Agreement

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Pe -ance Completed:

Sent to FRCEN: Brought Forward
To be Destroyed

Total
Paid

\$ 249,818.00

\$ 249,243.73

Contract CLOSED:

Refund: \$ 574.27

CLOSED

9 Nov 72

68C-0086 Lockheed Missiles & Space Company L

CPFF a(11)

No	Contractor	Status	Contract Type & Authority
	(15 Mar 68 - 15 Jun 69)	(pre-contract fm --)	

SUBJECT: Analytical and experimental data on flow phenomena in
APTE line-of-sight pipe.

\$ 154,140.00

Dr. J. Northrop

Mod 1 Time extension to 7 Nov 69.

\$ ---

Mod 2 Incorporation of OH rates for 1968 & 1969.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: May 72
To be Destroyed Jul 77

Brought Forward

\$

Total \$ 154,140.00

PAID: 154,140.00

Pe: ance Completed: 7 Nov 69

Contract CLOSED:

Refund: \$ - 0 -

7 apr 71

CLOSED

68C-0087 Gulf General Atomic

CDFF(a)(11)

No	Contractor	Status	Contract Type & Authority
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(1 Mar 68 - 28 Feb 69) (pre-contract fm N/A)

SUBJECT: Simulation techniques for composite shield testing.
SPAS

\$162,592.00

Maj. A. Lowrey

Mod 1 Time extension to 31 May 69

\$ ----

Mod 2 Novation Agreement

\$ ----

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Per ance Completed:

9 Oct 69

Contract CLOSED:

9 Nov 72

Sent to FROEN.
To be Destroyed

Brought Forward

Total	\$ 162,592.00
Paid	\$ 162,592.00

Refund: \$ -0.00

CLOSED

68C-0088 Gulf General Atomic

CPFF (a)(11)

No

Contractor

Status

Contract Type

(26 Feb 68 - 30 Apr 69) (pre-contract fm N/A)

& Authority

SUBJECT:
RARPMeasurement of environment of neutron-induced gamma rays in
a tank of liquid nitrogen.

\$ 94,626.00

1Lt G.I. Kerley

Mod 1

Time extension to 1 Oct 69.

\$ ---

Mod 2

Novation Agreement

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

Total \$ 94,626.00

PAID: 94,626.00

Refund: \$ - 0 -

Performance Completed:

Contract CLOSED:

102469
1 Sep 71
CLOSED

68C-0089	IIT Research Institute	NP	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 28 Feb 69)	(pre-contract fm)	
SUBJECT: Maintenance of test readiness (MIGHTY SKY 6.15)			\$ 9,913.00
RAAE			

15/11/71

LTC J.D. Brown

Mod 1	\$
-------	----

Mod 2	\$
-------	----

Mod 3	\$
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Mod 4	\$
-------	----

Mod 5	\$
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Mod 6	\$
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Mod 7	\$
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Mod 8	\$
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Sent to FIC: May 72
To be Deleted Jul 77

Performance Completed:

1 Mar 69

Contract CLOSED:

Brought Forward	\$
Total	\$ 9,913.00
PAID:	9,573.48
Refund:	\$ 339.52

24 Jun 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(29 Jan 68- 29 Apr 68)	(pre-contract fm)	

SUBJECT: Presentation of scanner capabilities to high-altitude weapons \$ 7,082.00 effects community.

LTC Fitz, RAAE

Mod 1	Additional funding for unanticipated costs.	\$ 3,270.82
-------	---	-------------

Mod 2		\$
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Mod 3		\$
-------	--	----

Mod 4		\$
-------	--	----

Mod 5		\$
-------	--	----

Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward	\$
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Performance Completed:

Total	\$ 10,352.82
-------	--------------

Contract CLOSED:

Refund:	\$ - 0 -
---------	----------

21 Mar 68
19 Sep 69



68-C-0091 Gulf General Atomic

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority(20 Feb 68 - 31 Dec 68) (pre-contract fm 1 Dec 67)
(\$40,000.00)SUBJECT: Research on Plasma Dynamics -
RAAE

\$188,800.00

LTC C. C. Reynolds, RAEI

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRECEN: May 72

To be Destroyed Jul 77

Brought Forward

\$

Total \$ 188,800.00

PAID: 188,800.00

Refund: \$ - 0 0 -

Per ance Completed: 71 Jan 71

Contract CLOSED:

20 Jan 71

CLOSED

68-C-0092 EG&G, Inc. (Boston, Mass)

CPFF (A)(11)

No

Contractor

Status

Contract Type
& Authority

(1 Mar 68 - 31 May 69) (pre-contract fm)

SUBJECT:
RAAESupport of DASA High Altitude Weapon Effects Study Program.
FY68 NWER - Subtask RHA3040

\$ 161,041.00

LTC Clyde C. Reynolds, RAAE

Mod 1

Time extension to 31 Oct 69.

\$ ---

Mod 2

Time extension to 15 Nov 69.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to ARJEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$
\$

Per ance Completed:

15 Nov 69

Total \$ 161,041.00

PAID: 161,041.00

Contract CLOSED:

Refund: \$ - 0 -

7 Mar 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Jan 68 - 31 May 69)	(pre-contract fm --)	

SUBJECT: Homer, Alaska Radar-Complex Standby Program.
 RAAE FY68 MTR MIGHTY SKY funds - Task 20A-HA-X-609.

\$ 17,835.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Attention of Program.
 (69NWET/TID KILBAXHX532)

\$ 7,635.00

Time extension to 1 Jan 70.

Mod 2 Time extension to 15 Jul 70.

\$ ---

Mod 3 Incorporation of OH rates for 1968

\$ ---

Mod 4 Incorporation of OH rates for 1969 and 1970

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
 To be Destroyed Jul 78

Brought Forward

\$

Total \$ 25,470.00

PAID: 25,147.36

Refund: \$ 322.64

Per nce Completed:

Contract CLOSED:

15 Jul 70
 6 Jan 72
CLOSED

No	Contractor	Status	Contract Type & Authority
	(26 Feb 68 - 19 Sep 68)	(pre-contract fm N/A)	

SUBJECT: For 36-Inch High Explosive Machine

\$ 143,580.00

TC

~~Capt-Thornton D. Schwank~~, -TC Maj Harry C. Goodson, TC

Mod 1 Additional test and tasks.
Time extension 19 Jan 69.

\$ 5,643.00

Mod 2 Costs for overrun adjustment.

\$ 4,379.00

Mod 3 Incorporation of OH rates for ^{FY}68.

\$ --

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total \$ 153,602.00
PAID: 152,768.71

ance Completed: 13 Dec 68

Refund: \$ 833.29

Contract CLOSED:

29 Jul 71 **CLOSED**

68-C-0095 Stanford Research Institute

No	Contractor	Status	\$1,000.00	Contract Type & Authority
	(1 Mar 68 - 31 Aug 68)	(pre-contract fm 29Jan68)		

SUBJECT: Technical Assistance in the Experiment Design of Operation \$9,716.00
 STSP HARD-ROCK: MINE SHAFT
 (40X55X202)

LTC James O. Putnam, SPSS

Mod 1	Incorporation of OH rates for '68	\$	--
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Mod 2		\$	
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Mod 3		\$	
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
-------	--	----	--

Mod 8		\$	
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Sent to FRCEN: May 72
 To be Destroyed Jul 77

Per once Completed: 30 Sep 68

Contract CLOSED:

18 Sep 70

CLOSED

Brought Forward

Total	\$ 9,716.00
PAID:	9,716.00

Refund: \$ - 0 -

68-C-0096	Physics International Company	CPFF (a)(11)
No	Contractor	Status
	(19 Feb 68 - 18 May69)	(pre-contract fm N/A)
		Contract Type & Authority

SUBJECT:	Theoretical Electron Beam Studies.	\$92,500.00
RAEV	(58 NWER - Smtask RRL 1013)	

Ltjg Jonathan M. Wachtel, RAEV

Mod 1	Continuation of work. (FY69 NWER LA 013.02 Time extension to 20 Aug 69.	\$99,757.00
-------	---	-------------

Mod 2	Revision of report. 71 NWER LA 013 02 Time extension to 15 Jun 71	\$ 7,255.00
-------	---	-------------

Mod 3	Time extension to 6 Oct 72.	\$ --
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Brought Forward	\$
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Per	Completed: 6 Oct 72	Total PAID	\$ 199,512.00
			199,512.00

Contract CLOSED:

Refund:	\$ -0-
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CLOSED

26 Nov 73

Aug 74
Jul 80

68-C-0097 Gulf General Atomic		CPFF (a)(11)
No	Contractor	Status
	(1 Mar 68 - 31 May 69)	(pre-contract fm N/A)
		Contract Type & Authority
142608 142608	SUBJECT: Experimental and Analytical Investigation of Radiation RARP Transport in Concrete. (FY68 NWER subtask RRP5 069) Capt Richard W. Enz, RARP	\$ 150,462.00
142608 142608	Mod 1 Additional research items. (FY69 NWER PE 069).01 Time extension to 30 Sep 69	\$ 67,898.00
	Mod 2 Time extension to 31 Mar 70.	\$ ---
142608 142608	Mod 3 Add'l analysis of concrete experiment 70 NWER PE 069 02 Time extension to 25 Jun 71.	\$ 57,702.00
142608 142608	Mod 4 Novation Agreement.	I \$ ---
142608 142608	Mod 5 Time extension for submittal of final report of Vols I & II Time extension to 25 Aug 1972.	\$ --
142608 142608	Mod 6 Time extension to 1 Jun 73	\$ ---
	Mod 7	\$
	Mod 8	\$
		\$
		Brought Forward \$
		Total \$ 276,062.00
		PAID: 276,062.00
		Refund: \$ - 0 -
	ance Completed: 1 Jan 73	
	act CLOSED: 9 NOV 76	
	Sent to EPCEN: Dec 77	
	To be Delivered Oct 83	

No	Contractor	Status	Contract Type & Authority
	19 Feb 68 - 18 Aug 68)	(pre-contract fm)	
SUBJECT: Perform a Numerical Calculation of Cratering in Alluvium. SPSS (FY68 NWER, Subtask RSS1001)			\$ 29,699.00
Maj Lawson P. Mosteller, Jr., SPSS			
Mod 1	Two additional calculations of cratering in earth media. (FY68 NWER, RSS 2047) Time extension to 30 Nov 68.		\$43,339.00
Mod 2	Additional performance of series of cratering (FY68 NWER SA001) o Time extension to 31 Jan 70.		\$ 255,404.00
Mod 3	Additional work (FY 70 NWER SA 001 03) Time extension to 10 Oct 70.		\$ 199,717.00
Mod 4	Time extension to 1 Feb 71.		\$ ---
Mod 5	Produce Graphs and Tables of Ejecta (NIPR A31699-03-V185 (SAFCOM))		\$ 8,500.00
Mod 6	Additional reporting requirements under basic contract no change in contract period. 71 NWER SA 001 03		\$ 1,599.00
Mod 7	Time extension to 14 Jun 73		\$ ---
Mod 8	Cost Growth DH 200015-70		\$ 1,851.81
			\$540,109.81
Brought Forward			\$540,109.81

Total \$

Per ce Completed:

14 Jun 73

Contract CLOSED:

9 July 1984

Refund: \$ -0-

WNRC: 17 Mar 85

Withdrawal = Jan 91

68-C-0099

EG&G, Inc. (Las Vegas)

FACILITIES

No	Contractor	Status	Contract Type & Authority
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	Q1 Mar 68 - 1 Mar 71)	(pre-contract fm)	
--	------------------------	--------------------	--

SUBJECT: Facilities contract for DASA property.

\$ --

Mod 1	Update clauses and Schedule B. Effective 1 May 69.
-------	---

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: ^{SEP} 1975 Brought Forward
To be Destroyed *Jul 1981*

Contract Completed:

Total \$ --

Contract CLOSED:

Refund: \$ --

2 APR 75

No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 1 Mar 71)	(pre-contract fm)	

SUBJECT: Facilities contract for DASA property.

\$ --

Mod 1 Update clauses and Schedule B.
Effective 1 May 69.

\$ --

Mod 2 Revision of equipment list.

\$ ----

Mod 3 Novation Agreement.

\$ ----

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

\$

Total

\$

Finance Completed: 1 Mar 71

Contract CLOSED: 1 Mar 71

Refund: \$

CLOSED

68-C-
0101 - 0125

No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 28 Feb 69)	(pre-contract fm)	

SUBJECT: Services in connection with the maintenance and field support of Government-owned equipment and facilities at Nevada Test Site.

\$ 659,363.00

Mod 1 Continuation of services in connection with the maintenance and field support of Government-owned equipment and facilities at Nevada Test Site.
Time extension to 20 Feb. 70

\$ 792,149.00

Mod 2 Continuation of work.
(FY 70 NWET J45EA 196 01)
Time extension 28 Feb 71.

\$ 875,524.00

Mod 3 Continuation of work.
71 NWET J45EAXYX916 01
Time extension to 28 Feb 72

\$ 898,819.00

Mod 4 Time extension to 29 Feb 72.

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Completed: 28 Feb. 72

Total \$ 3,225,855.00
PAID 3,225,000.57

Contract CLOSED:

CLOSED

14 May 75

Refund: \$ 854.43

68-C-0102 Battelle Memorial Institute

CPFF (a)(11)

Y	Contractor	Status	Contract Type & Authority
	(11 Mar 68 - 15 Aug 68) (pre-contract fm)	

SUBJECT: Compressibility of Two Rocks to 40 Kb at Temperatures of
STSP 20° C, 170° C and 320° C.
(NWER FY68 RSS 2047)

\$ 7,160.00

Ensigne Clifton B. McFarland, Jr., SPSS

Mod 1 Bulk Modulus of Dedar City Tonalite to 40-KB at Room temperature
(FY68 NWER RSS 2047)
Time extension to 15 Sep 68

\$ 6,385.00

\$

Mod 2 Add new clause "Negotiated Overhead Rates Clause"

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRGEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

Total \$ 13,545.00
PAID: 13,545.00

REFUND: - 0 -

Performance Completed:

28 Oct 68 (17 Dec 70)

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Mar 68 - 31 May 69)	(pre-contract fm)	

SUBJECT: Expansion of efforts in the theoretical study of plasma turbulence in high altitude weapon phenomenology. \$ 105,905.00
 RAAE (Follow-up DASA Con-67-C-0060)

LTC C. Reynolds, RAAE

Mod 1 Continuation of work - additional work. \$ 249,797.00
 (FY69 NWER HC 040)
 Time extension to 31 May 70.

Mod 2 Additional work - \$ 137,326.00
 70 NWER HC 040.03
 Time extension to 31 May 71.

Mod 3 Reallocation of costs. \$ 1,164.00
 72 HC040 21

Mod 4 Additional funds to cover OH rates \$ 450.75
 73 S99QAXHC 040 21

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Contract Completed: 1 Apr 71

Contract CLOSED:

Total \$ 494,642.75
 PAID 494,641.95

Refund: \$.80

CLOSED

13 Nov 73

Set
To be Destroyed

6074
Jul 80

No	Contractor	Status	Contract Type & Authority
	(1 Apr 68 - 1 Oct 69)	(pre-contract fm N/A)	
SUBJECT: RAAE	An Experiment to Measure Propagation Characteristics of the Ionosphere and Lower Atmosphere of Importance to Wideband Phased-array Radar Performance. (FY68 NWET TID, Subtask 11B-HA-X-532)01 Mr. Dow Evelyn, RAAE		\$ 521,438.00

Mod 1 Time extension to 31 Dec 69.

\$ ---

Mod 2 Continuation of development - additional scope of work.
(FY 70 NWET K11BAXHX 535 01)
Time extension to 31 Dec 70.
Incorporation of OH rates for 1968

\$ 498,353.00

Mod 3 Development of a Polar Orbiting Wideband Satellite Experiment
71 NWET K11BAXHX535 01
Time extension to 31 Dec 72

\$ 1,098,320.00

Mod 4 Change in statement of work.

\$ ---

Mod 5 Revision of work statement.
NWET K11BAXHX535 02
Time extension to 28 Feb 74.

\$ --

Mod 6 Time extension to 31 Dec 74

\$ --

Mod 7

\$

Mod 8

\$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 72

Brought Forward

\$

\$

Work Completed:

31 Dec 74

Total
PAID\$ 2,118,111.00
2,118,111.00

Contract CLOSED:

CLOSED 18 Feb 76

Refund:

\$ -0-

No

Contractor

Status

Contract Type
& Authority6 Mar 68 - 6 Sep 68) (pre-contract fm 1 Dec 67)
(\$15,000.00)

SUBJECT: Experiments to Investigate the Flow and Stagnation of High
Velocity Plasmas.
(FY68 NWET, subtask GA 24X-ASX-910)

\$ 35,432.00

Dr. John A. Northrop, DDST

Mod 1

Time extension to 15 Jun 69.

\$ ---

Mod 2

Novation Agreement.

\$ ----

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCENT Aug 29
To destroyed Jul 79

\$

Brought Forward

\$

Finance Completed:

Total \$ 35,432.00

PAID: 35,432.00

Contract CLOSED:

Refund: \$ - 0-

19 Jan 73

CLOSED

68-C-0106	General American Transportation Corporation (GARD)	CPFF (a)(11)
No	Contractor	Status
	(1 Mar 68 - 30 Sep 68)	(pre-contract fm N/A)
		Contract Type & Authority

SUBJECT: A high Yield Detonable Gas Explosion \$ 25,000.00
 SPLN To determine cost effectiveness of this simulation technique.
 (NWER FY68 Subtask RLN6064)

Mod 1	Time extension to 31 May 69	\$ ---
Mod 2		\$
Mod 3		\$
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$

Sent to FRCEN: Jan 72
 To be Destroyed Jul 76

Brought Forward	\$
	\$

P rformance Completed: 15 Dec 69

Total	\$ 25,000.00
PAID:	25,000.00

Contract CLOSED:

Refund:	\$ - 0 -
---------	----------

19 Jan 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(6 Mar 68 - 31 Dec 68)	(pre-contract fm 1 Jan 68)	
		\$1,500.00	

SUBJECT: Storage, maintenance and inventory of the Weapons Effects \$ 44,816.00
RAEV Bugy Systems (WEBS)
(FY68 NWET MTR Funds, Subtask 20B#MX613)

LCDR E. C. Lattig, TC

Mod 1 Continuation of maintenance and storage of WEBS equipment, \$ 70,233.00
and purchase approx. 20 adapters.
Time extension to 15 Jan 71

Mod 2 Decrease amount (under run) - \$ 35,000.00 (Decrease)

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: FEB 1977
To be Destroyed Oct 82

Brought Forward \$

Performance Completed: 3 Feb 70

Total \$ 80,049.00
PAID 71,985.24

Contract CLOSED:

CLOSED

18 Feb 76

Refund: \$ 8,063.79

No	Contractor	Status	Contract Type & Authority
	(10 Apr 68 - 9 Apr 69)	(pre-contract fm N/A)	

SUBJECT: Instrumentation Study of MIGHTY SKY Equipments.
 RAAE (FY68 NWET TIOE- Subtask 19XHAX613)

\$ 50,580.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Time extension to 9 August 1969

\$ ----

Mod 2 Novation agreement.

\$ ---

Mod 3 Incorporation of OH rates. for 1968.

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Finance Completed:

9 Aug 69

Sent to FROEN: May 72
To be Destroyed Jul 77

Total	\$ 50,580.00
#AID:	42,305.15

Contract CLOSED:

Refund: \$ 8,274.85

18 Nov 70

CLOSED

68-C-0109 TRW, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(25 Mar 68 - 25 Jun 68)	(pre-contract fm)	

SUBJECT: Fabrication of re-entry material.
SPAS (FY68 NWER - RAS 1114)

\$ 47,858.00

LR 12 Mar 68
Maj Austin Lowrey, SPAS

Mod 1 Time extension to 31 Aug 68.

\$ --

Mod 2 Time extension to 1 Oct 68

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Perance Completed: 1 Oct 68

Contract CLOSED:

Sent to FRCEN
To be destroyed

Brought Forward

\$

Total

\$ 47,858.00

PAID:

46,142.81

Refund:

\$ 1,715.19

1 Dec 72
CLOSED

68-C-0110 Philco-Ford Corporation

CPFF (a)(11)

No

Contractor

Status

Contract Type

(26 Mar 68 -26 Jun 69) (pre-contract fm 12 Mar 68)
(\$1,000.00)

& Authority

SUBJECT: To improve the PUFF computer code.
SPAS (FY68 NWER - RAS 1106)

\$ 60,887.00

Mr. James F. Moulton, Jr. SPAS

Mod 1 Change reporting requirements.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Finance Completed:

Total \$ 60,887.00

PAID: 60,887.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

13 Jan 72

8 Sep 69 Sent to FROEN: 4p 72
To be Destroyed Jul 74

68-C-0111 GE (Philadelphia, Pa.)

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(27 Mar 68 - 26 Jun 68) (pre-contract fm)

SUBJECT: Fabrication of re-entry material
SPAS (FY68 NWER - RAS 1114)

\$ 47,474.00

Maj Austin Lowrey, SPAS

Mod 1

Time extension to 31 Dec 68.

\$ -----

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Finance Completed:

Sent to FRCEN: 8/72
To be Destroyed 7/74

Total \$ 47,474.00

PAID: 47,474.00

Contract CLOSED:

Refund: \$ - 0 -

10 Feb 72

CLOSED

LFE Corp., Trapelo Division
(formerly)
Tracerlab, Inc.

68-C-0112

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
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(20 Feb 68 - 31 Mar 69) (pre-contract in N/A)

SUBJECT:
RARP

Total Mass and Concentration of Particles in Dust Clouds.
(FY68 NWER- RRP4 073)

\$ 138,382.00

CDR Robert M. Wagner, RARP

Mod 1 ~~Timex~~ Change reporting requirements.

\$ ----

Mod 2 Novation agreement.

\$ ----

Mod 3 Additional funds to cover OH adjustments.
68 NWER PD073 03

\$ 5,443.00

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: *Aug 74*
To be Destroyed *Jul 80*

Brought Forward

\$

\$

ance Completed:

Total
PAID

\$ 143,825.00
143,825.00

Contract CLOSED:

Refund:

\$ -0-

10 Aug 69
9 Apr 74
CLOSED

No	Contractor	Status	Contract Type & Authority
	(21 Mar 68 - 21 Jun 69)	(pre-contract fm 11 Mar 68 (\$3,000.00))	

SUBJECT: ~~Exam~~ Development of output radiative transfer codes(U)
 RARP (FY68 NWER - RRP 1014)

\$ 235,570.00

LTC G. C. Reinhardt, RARP

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward

\$

\$

nce Completed:

Total

\$ 235,570.00

PAID:

235,570.00

t CLOSED:

Refund:

\$

- 0 -

CLOSED

14 Apr 72

8-C-0114 Manufacturing Development, GM Corp.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(11 Mar 68 - 10 Jul 69)	(pre-contract fm N/A)	

SUBJECT: Study of Shock Wave Propagation in Solid Materials.. \$ 532,400.00
 SPAS (FY68, RAS 1106) 040

Mr. James F. Moulton, Jr., SPAS

Mod 1	Change reporting requirements.	\$ --
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Mod 2	Additional work. (FY69 NWER AA 106) 05 Time extension to 30 Nov 69.	\$ 172,051.00
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Mod 3	Continuation of work (FY 70 NWER AA 106 07) Time extension to 31 Jan 71	\$ 450,223.00
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Mod 4	Experimental Investigation of Shock Wave Propagation & Dynamic Fracture in Beryllium 71 NWER AA106 07 Time extension to 30 Nov 71	\$ 37,675.00
-------	--	--------------

Mod 5	Time extension to 1 Jul 72.	\$ --
-------	-----------------------------	-------

Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
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Sent to FRCEN: Aug 74
 To be Destroyed Jul 79

Brought Forward

\$

17

Ice Completed:

15 Jun 72

Total \$ 1,192,349.00

PAID: 1,192,349.00

Contract CLOSED:

Refund: \$ - 0 -

20 Feb 73

CLOSED

68-C-0115 Mathematical Applications Group, Inc.		CPFF	(a)(11)
No	Contractor	Status	Contract Type & Authority
	(18 Mar 68 - 30 Jun 69)	(pre-contract fm --)	
SUBJECT:	Development of an Adjoint Monte Carlo Program to Determine Secondary Gamma Dose. (FY68 NWER, RRP2 044)		\$ 153,992.00
RARP			
	1LT Gerald I. Kerley, RARP		
Mod 1	Continuation of work... additional calculations. Time extension to 31 Dec 69.		\$ 34,202.00
Mod 2	Additional scope of work. (FY68 NWER PB 044 02 \$700 & FY70 NWER PB 044 02 \$6,038) Time extension to 31 Mar 70		\$ 6,738.00
Mod 3	Time extension to 1 Aug 70.		\$ ---
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	Sent to FRCENT Aug 74 To be Destroyed Jul 79		\$
Brought Forward			\$
Total			\$ 194,932.00
PAID:			194,932.00
Refund:			\$ - 0-
Finance Completed: 22 July 70			
Contract CLOSED:			

14 Aug 72

CLOSED

68-C-0116 Systems, Science and Software, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 68 - 31 May 69)	(pre-contract fm --)	

SUBJECT: Review and codify theoretical equation of state formulations. \$ 110,509.00
RARP (FY68 NWER, subtask RRPl 010)

R.P. 20, 21, 22, 23, 24, 25
 LTC Gough C. Reinhardt, RARP

Mod 1	Adjust levels of effort.	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward

P. nance Completed:

Contract CLOSED:

Total	\$ 110,509.00
PAID:	110,508.00

Refund: \$ 1.00

Aug 69 Sent to FRCEN: Sep 70
 To be Destroyed Jul 76

26 Oct 71

CLOSED

68-C-0117 Tennecomp, Inc.

CPFF (A)(11)

No	Contractor	Status	Contract Type & Authority
	(8 Apr 68 - 8 Apr 69)	(pre-contract fm NA)	

SUBJECT: Preparation of a monograph on "unfolding" instrument response. \$ 52,947.00
 RARP (FY68, NWET/TID, 11A RPX 541)

11T Gerald I. Kerley, RARP

Mod 1 Time extension to 31 Dec 69. \$ ----

Mod 2 Time extension to 30 Oct 70. \$ ----
 Additional task - write a supplement.

Mod 3 Time extension to 15 Mar 71 \$ 1,939.00
 Funds to cover printing, distribution of final report.
 68 NWET J11 AAXPX541 04

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN: Sep 72
 To be Destroyed Jul 78
 15 Mar 71

Performance Completed:

Contract CLOSED:

Brought Forward

Total \$ 54,886.00
 PAID: 54,575.60

Refund: \$ 310.40

25 May 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Apr 68 - 1 Apr 69)	(pre-contract fm N/A)	

SUBJECT: Operation PRAIRIE FLAT - Blast Protection afforded by
STMD Foxholes and blast displacement of prone dummies.
(FY68 NWET, 35X-LN-X-401)

\$ 28,200.00

LTC William R. Godden, STMD

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

\$

Finance Completed:

Contract CLOSED:

2 July 70
Sent to FREEM: May 72
To be Destroyed Jul 77

Total \$ 28,200.00

PAID: 28,200.00

Refund: \$ - 0 -

31 Mar 71

CLOSED

C-0119 Battelle Memorial Institute

NP

CPFF (a)(11)

Contractor

Status

Contract Type

8 Apr 68 ~ 7 Dec 68) (pre-contract fm N/A)

& Authority

SUBJECT:

Study of Surface-Temperature Measurement Techniques.

\$ 25,804.00

SPAS

(FY68 NWET/TID 11 A AS X 502)

~~Capt. Rimstead~~, SPAS Maj O. W. Larson

Mod 1

Further development of scope of work.

\$ 24,384.00

Time extension to 7 Sep 69.

Mod 2

Time extension to 31 Dec 69.

\$ ---

Add a new clause "Negotiated Overhead Rates Clause"

Mod 3

Funds to cover subcontract cost growth.

\$ 4,698.00

70 NWET J11AAXAX502 02

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Check for \$2,773.33 (Voucher 4) was lost
and never replaced - Per Contractor...

Brought Forward

Such a long time elapsed - problem was not solved...

Pe

ance Completed:

Contractor was not
re-imbursed. *Will take*

Total

\$ 54,886.00

PAID:

54,886.00

Contract CLOSED:

30 SEP 81

the loss.

Refund:

\$ - 0 -

NOV 10 1981

Dec 87

68-C-0120 ARCON Corporation

CPFF (a)(11)

No

Contractor

Status

Contract Type

(1 Apr 68 - 31 Jul 69) (pre-contract fm N/A)

& Authority

SUBJECT:

RARP

Extension of Research in Fallout Distribution and the Further\$ 88,144.00
Development of the Defense Land Fallout Interpretative Code

(DELFIIC)

(FY68 NWER, RRP4 068)

CDR Robert M. Wagner, RARP

Mod 1 Time extension to 5 Sep 69.

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Finance Completed:

5 Sep 69

Total \$ 88,144.00

PAID 88,144.00

Contract CLOSED:

CLOSED 11 Oct 74

Refund: \$ -0-

68-C-0121 IIT Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(22 Apr 68 - 21 Apr 69)	(pre-contract fm N/A)	

SUBJECT: Evaluation of Weapon Storage Concepts.
SPLN (FY68, NWER RLN5003)

\$ 49,740.00

LTC Daniel P. Christman, SPLN

Mod 1 Time extension to 21 Jul 69.

\$ -----

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to ERGEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

\$

Performance Completed:

Total \$ 49,740.00

PAID: 49,740.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

The KMS Technology Center, KMS Industries, Inc.
(formerly)

68-C-0122	Heliodyne Corporation	CPFF (a)(11)
No	Contractor	Status
	(1 Apr 68 - 30 Sep 68) (pre-contract fm 15 Feb 68) (\$38,500.00)	Contract Type & Authority
SUBJECT: SPAS	Development of the 'SUPERPUFF' Computer Program for Predicting Nuclear Weapons Effects, Phase II. (FY68 NWER RAS 1106)	\$ 122,924.00
	xxxxxxR-Moulton-Jr.,-SPAS Dr. E. Haddad, DDST	
Mod 1	Change reporting requirements.	\$ ---
Mod 2	PHASE III added. (FY69 HWER AA 106) Time extension to 30 June 1969	\$ 323,889.00
Mod 3	Continuation of effort to 15 Aug 69 (FY 69 NWER Subtask AA-106, Work Unit AA-106-b)	\$ 54,173.00
Mod 4	Special Study in support of the Sentinel Systems Office (SENSO) (FY69 NWER AA-106)	\$ 12,000.00
Mod 5	Novation agreement.	\$ ---
Mod 6	Additional work - PREDIX (FY 70 NWER AA 106 02) Time extension to 31 Aug 70.	\$ 121,213.00
Mod 7	Time extension to 31 May 71	\$ ---
Mod 8		\$
		Brought Forward
		\$
1	Finance Completed: 31 May 71	Total PAID \$ 634,199.00 634,199.00
Contract CLOSED:	26 Aug 76	Sent to FROEN: Dec 77 Refund: \$ -0- To be Destroyed Oct 83

68-C-0123 Gulf General Atomic

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(10 Apr 68 - 10 Jun 69)	(pre-contract fm N/A)	

SUBJECT: Short-Pulsed Radiation Effects on Dynamic Electronic Components
RAEV (FY68 MNER, RTR 3015) \$ 95,621.00

Maj John J. McGee, Jr., RAEV

Mod 1 Time extension to 15 Nov 69. \$ --

Mod 2 Novation Agreement. \$ --

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Finance Completed: 12 Dec 69

Contract CLOSED:

Brought Forward

Total \$ 95,621.00
PAID: 95,621.00

Refund: \$ - 0 -

CLOSED

17 Sep 71

68-C-0124 Gulf General Atomic

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 May 68 - 31 Dec 68)	(pre-contract fm N/A)	

SUBJECT: Analyze neutron pulse height distributions from measurements of neutron penetration in liquid nitrogen. \$ 49,200.00
 RARP (FY68 NWER, RRP 2051)

1LT Gerald I. Kerley, RARP

Mod 1 Time extension to 31 Jan 69 \$ --

Mod 2 Novation Agreement \$ ---

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRSEN:

To be Destroyed

Brought Forward \$

Performance Completed:

Total \$ 49,200.00

PAID: 49,200.00

Contract CLOSED:

Refund: \$ - 0 -

16 Sep 71

CLOSED

68-C-0125 EG&G, Inc. , Boston, Mass.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(4 Apr 68 - 3 Aug 69)	(pre-contract fm N/A)	

SUBJECT: DASA Optical Measurements Program for Project SECEDE.
RAAE (FY68, NWER, RHA 5043)

\$ 69,472.00

LTC H. C. Fitz, Jr., RAAE

Mod 1 Data Analysis for Project SECEDE I.
 (FY69 NWER HE 043)
 Time extension to 3 Dec 69.

\$14,849.00

Mod 2 /Additional funds for cost of printing & distributing
 of final report.
 70 NWER HE 043 09
 Time extension to 31 Jul 70.

\$ 2,324.00

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Aug 74

To be Destroyed Jul 79

Brought Forward

\$

\$

P mance Completed: 22 Jun 70

Total \$ 86,645.00

Contract CLOSED:

Paid	\$ 86,645.00
Refund:	\$ -0-

CLOSED

16 Jul 73

68-C-
0126 - 0150

68-C-0126 Dikewood Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 68 - 30 Sep 68)	(pre-contract fm N/A)	

SUBJECT: Provide scientific support of JTF-2 Test 3.81
JTF-2

\$ 49,097.00

Mr. M. Williams, JTF-2

Mod 1	Calibration of model and documentation of calibration. Model performance study and documentation. Time extension to 31 Dec 68.	\$ 28,948.00
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Mod 2	Revise final report requirements.	\$ ---
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Mod 3	Cost growth due to additional computer time.	\$ 3,963.02
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Brought Forward

\$

ance Completed: 31 Dec 68	Total PAID:	\$ 82,008.02
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Contract CLOSED:

Sent to FROZEN: May 72

To be Destroyed Jul 77

Refund: \$ - 0 -

25 Feb 71 **CLOSED**

68-C-0127 Battelle Memorial Institute

CPFF (a)(119

No	Contractor	Status	Contract Type & Authority
	(8 Apr 68 - 7 Apr 69)	(pre-contract fm N/A)	

SUBJECT: Plasma Turbulent Heating.
RAEV (FY68 NWER, RRL 1022)

\$ 50,540.00

Lt Jonathan M. Wachtel, RAEV

Mod 1 Time extension to 7 Jun 69.

\$ ----

Mod 2 Add new clause "Negotiated Overhead & Rates Clause"

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed:

15 Jan 69 Sent to FRCEN: 4/22
To be Destroyed Jul 74

Total \$ 50,540.00

PAID: 50,458.15

Contract CLOSED:

Refund: \$ 81.85

15 Jul 71

CLOSED

No Contractor Status
(1 May 68 - 31 Jul 69) (pre-contract fm N/A)

SUBJECT: Measurement of the Neutron Induced Gamma-Ray Production
Cross Sections for Silicon and Tungsten in the Neutron
Energy Range from 6.0 MeV to 11.0 MeV
3/01020

\$ 65,927.00

Capt Richard W. Enz, RARP

Mod 1 Extension of the scope of work.
(FY68 NWER, RRP 3101) 030

\$ 16,899.00

Mod 2 Scattering of Fast Neutrons PC 10102
Time extension to 29 May 1970.

\$ 117,348.00

Mod 3 Navation Agreement
(to correct error by negotiator)

\$ --

Mod 4 Measurement of the elastic, inelastic, and gamma production
cross sections of aluminum and iron at 5, 9, and 11 Mev.
FY70 NWER PC101.04
Time extension to 27 Feb 71.

\$ 59,103.00

Mod 5 Additional funds to complete the work.
71 NWER PC 101 04
Time extension to 27 Jun 71.

\$ 30,100.00

Mod 6 reimbursement of unanticipated costs
71 NWER PC 101 04

\$ 10,000.00

Mod 7 Time extension to 29 Feb 72.

\$ --

Mod 8 Funds to cover OH adjustments
71 NWER PC 101 04

Sent to PROEN:
To Be Destroyed

\$ 5,886.05

Brought Forward

\$

ice Completed:

Feb 72

CLOSED

Total
PAID\$ 305,263.05
305,263.05

-0-

Contract CLOSED:

11 Mar 74

Refund: \$

68-C-0129	GCA Technology Division	CPFF (a)(11)
No	Contractor	Status
	(29 Apr 68 - 28 Oct 68)	(pre-contract in N/A)
		Contract Type & Authority

SUBJECT: Study of Project 6 Rocket Borne Instrumentation.	\$ 44,389.00
RAAE	

45
per 68

Dr. C. A. Blank, RAAE

Mod 1	Time extension to 31 Mar 69.	\$	----
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Mod 2	Part II of Study (FY69 NWET MIGHTY SKY K43AAXHX603) Time extension to 30 Jun 70.	\$66,663.00
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Mod 3	Time extension to 31 Dec 70.	\$	---
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8	SEP 1975 Sent to FRCEN: To be Destroyed Jul 1981	\$	
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Brought Forward	\$
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Total	\$111,052.00
PAID	<u>111,052.00</u>

Refund:	\$ -0-
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Completed:

Contract CLOSED: **CLOSED** 11 Feb 75

2 June 71
[Signature]

68-C-0130 Systems, Science and Software

No	Contractor	Status	Contract Type & Authority
	(10 Apr 68 - 10 Jul 69)	(pre-contract fm N/A)	
SUBJECT:	Electronic Parts Study		\$ 182,002.00
RAEV	(FY68 NWER, RTR 1038) 040		
Maj John J. McGee, Jr., RAEV (Mr. Conrad, HDL, Tech Mon)			
Mod 1	Additional tasks (FY69 NWER TA 038) Time extension to 10 Nov 69.	TA038.05 = 39,600. TA038.06 = 61,464.	\$101,064.00
Mod 2	Additional work - Time extension to 10 May 70 (FY70 TA038), 02		\$ 64,501.00
Mod 3	Change in scope of work		\$ ---
Mod 4	Time extension to 1 Mar 73.		\$ ---
Mod 5	Cost growth 73 NWER 299QAXTE 060 36		\$ 2,690.00
Mod 6			\$
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Total			\$350,257.00
PAID			350,257.00
Refund:			\$ -0-

Contract Completed: 1 Mar 73

Contract CLOSED:

CLOSED

11 Dec 73

68-C-0131	Kaman Nuclear	CPFF (a)(11)
No	Contractor	Status
(26 Apr 68 - 26 Dec 68)	(pre-contract in	N/A)
Contract Type & Authority		
SUBJECT: Perform Time Dependent Neutron Transport Calculations (U) RARP (FY68 NWER, RRP 2 045)		\$ 44,040.00
1/Lt Gerald I. Kerley, RARP		
Mod 1	Time extension to Novation agreement	\$ ----
Mod 2	Time extension 26 Feb 69.	\$ ---
Mod 3	Continuation of assistance to to DASA in Nuclear Radiation Studies. (FY63, 64, 65 & 66 - PB 036) Time extension to 26 Dec 69.	\$ 76,270.00
Mod 4	Continuation of work. (FY70 NWER PB 045.03 = 25K) (" " PB 045.04 = 50K) and 045.05 = 21,544 Time extension to 31 Mar 71.	\$ 96,544.00
Mod 5	Time extension to 26 Aug 71.	\$ ----
Mod 6		\$
Mod 7		\$
Mod 8	COPIES DESTROYED 7-1-73	\$
Brought Forward		\$
Work Completed: 26 Aug 71		Total PAID \$ 216,854.00 216,177.79
Contract CLOSED:		Refund: \$ 676.21

CLOSED

29 Nov 73

No	Contractor	Status	Contract Type & Authority
	(15 Apr 68 - 15 Jan 69)	(pre-contract fm N/A)	

SUBJECT: Data Analysis of EMP Waveforms.
RAEV (FY27 NWER, REM 1091)

\$ 32,239.00

Capt C. S. Allen, RAEV

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to RAEV: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

Performance Completed:

10 Feb 69

Total

\$ 32,239.00

PAID:

31,194.57

Contract CLOSED:

Refund:

\$ 1,044.43

10 Feb 72

CLOSED

No	Contractor	Status	CPFF (a)(11)
68-C-0133	General Dynamics/Convair Division		
	(1 Apr 68 - 30 Jun 69)	(pre-contract in N/A)	Contract Type & Authority

SUBJECT: Theoretical Studies of High-Altitude Nuclear Explosion Phenomena. \$ 305,380.00

LTC Fitz, RAAE

Mod 1 Time extension to 31 Jul 69. \$ ---

Mod 2 Overrun incurred in the contract due to the new Convair OH distribution System. \$ 25,726.00
(FY70 NWER HC 064 01)
Time extension to 25 Oct 69

Mod 3 Additional funds for cost growth. \$ 10,719.00
(80 NWER HC 064 01)

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN: *lip 74*
7 *Jul 80*

Brought Forward \$

rmance Completed:

Contract CLOSED:

Total	\$ 341,825.00
PAID	340,134.54
Refund:	\$ 1,690.46

CLOSED

1 Mar 74

68-C-0234	General Electric (TEMPO)	CPFF (a)(11)	
No	Contractor	Status	Contract Type & Authority
	(1 Jun 68 - 8 Jul 69)	(pre-contract fm 9 Apr 68 (\$24,000.00))	
SUBJECT: RRAE	Updating and Maintenance of the Radar Noise and Clutter (RANC) Systems Analysis Code. (FY68 NWER, RHA 3064) <i>George Underhill</i> LTC Clyde Reynolds, RRAE		
Mod 1	Update program Time extension to 31 Oct 69.		\$146,716.00
Mod 2	Updating of a RANC Phenomenology Summary Document. Time extension to 14 Jan 70. (FY70 NWER HC 064)		\$ 38,658.00
Mod 3	Continued Improvement and Maintenance of the RANC Code. Time extension to: 15 Mar 71 FY 70 NWER HC 064		\$ 398,033.00
Mod 4	Additional scope - RANC IV Systems Analysis Code 70 NWER HC 064 02		\$ 50,000.00
Mod 5	Additional tasks - continuation of work. 71 NWER HC 064 02		\$ 140,451.00
Mod 6	Additional funds to cover OH adjustments. 73 S99QAXHC064 14		\$ 4,639.55
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Total PAID			\$ 974,666.55 974,666.55
Refund:			\$ -0-
Finance Completed: 23 Feb 71			
Contract CLOSED:			

68-C-0135

Effects Technology, Inc.
(formerly Laboratory Division of
General Research Corporation)

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(21 May 68 - 15 Jul 69)	(pre-contract fm 16 Apr 68 (14,350.00)	
SUBJECT: SPAS	Exploding Foil Testing and Material Damage Predictions Program (U). (FY68 NWER, RAS 2260)		\$ 199,174.00
Mr. James F. Moulton, Jr., SPAS			

Mod 1	Change reporting requirements		\$ ---
Mod 2	Additional work. (FY69 NWER, AA106).04 Time extension to 30 Nov 69.		\$ 148,265.00
Mod 3	Additional work. (FY69 NWER AA 106).04		\$ 58,843.00
Mod 4	Participation and continuation of work. (PREDIX) (FY 70 NWER AA 106 08) Time extension to 30 Nov 70		\$ 198,817.00
Mod 4	Change of name to Effects Techn., Inc.		\$ ---
Mod 6	Modification to Exploding Foil Testing & Material damage predictions Program (U) 71 NWER AC 301 03 Time extension to 15 Apr 72		\$ 10,152.00
Mod 7	AMMRES Meetings (Advanced Missile Materials Research) 72 NWED AC 301 10 Time extension to 15 Jan 73.		\$ 6,071.00
Mod 8			\$

Brought Forward

\$

\$

I mance Completed:

15 Jan 73

Total
PAID\$ 613,322.00
613,322.000

Contract CLOSED: 13 April 1977

Sent to FRCEN: Dec 77
To be Destroyed Oct 83

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 May 68 - 31 Oct 68)	(pre-contract fm N/A)	

SUBJECT: Trigatron Switching in Liquids.
RAEV (FY68 NWER, RRL 1053)

\$ 78,400.00

Lt Jonathan M. Wachtel, RAEV

Mod 1 Change in scope of work and time extension to 31 Mar 69.

\$ ---

Mod 2 Additional work.

\$28,400.00

(FY69 NWER LA 053)

Time extension to 31 ~~Oct~~ 69.

Mod 3 Time extension to 9 Jun 70.

\$ ---

Mod 4 Additional funds to cover OH adjustment
(FY68 NWER A LA 053 05)

\$ 2,569.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FROEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Finance Completed:

Total

\$109,369.00

PAID

109,365.68

Contract CLOSED:

CLOSED

Refund:

\$

3.32

68-C-0137 General American Transportation Corp.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(23 Apr 68 - 31 Aug 88)	(pre-contract fm N/A)	

SUBJECT: Underground Detonable Gas Explosions,
SPSS (ARPA Order No. 867- Amend #3)

\$ 25,500.00

LGT Lewis L. Reign, SPSS

Mod 1 Time extension to 30 Nov 68.

\$ --

Mod 2 Time extension to 15 Jun 69

\$ ----

Mod 3 OH rates for FY '68.

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jan 77

Brought Forward

\$

\$

P rformance Completed:

10 Dec 69

Total \$ 25,500.00

PAID: 25,500.00

Contract CLOSED:

Refund: \$ - 0 -

20 Aug 70

CLOSED

C-0138 Physics International Co.		CPFF (A)(11)
No	Contractor	Status
	(28 May 68 - 31 Jul 69)	(pre-contract fm 6 Mar 68)
		(\$47,500.00)
SUBJECT:	Material Response Investigations.	
SPAS	(FY68, NWER, RAS 1106) 060	\$208,787.00
Mr. James F. Moulton, Jr., SPAS		
Mod 1	Change reporting requirements	\$ ----
Mod 2	Additional work. (FY69 NWER AA 106) 06 Time extension to 31 Aug 69.	\$ 104,850.00
Mod 3	New work - Electron Beam Experiments (FY70 NWER AA 106-06) Time extension to 31 Oct 70.	\$ 143,041.00
Mod 4	HUDSON MOON EXPERIMENTS (U) 71 NWER AA 106 06 Time extension to 11 Oct 71	\$ 29,951.00
Mod 5	Additional costs for adjustments. 72 NWED AC 321 10 Time extension to 31 Dec 72.	\$ 26,797.00
Mod 6	Time extension to 22 Apr 74	\$ --
Mod 7		\$
Mod 8	Sent to FRGEN: 18 Jan 80 To be Destroyed Dec 86	\$
		\$ 513,416.00
Brought Forward		\$ 512,750.00
Total		\$
Refund:		\$ \$675.03
Contract CLOSED: 08 FEB 80		

since Completed:

22 Apr 74

68-C-0139 TRW, Inc. CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(6 May 68 - 5 May 69)	(pre-contract fm N/A)	

SUBJECT: Shock Spectrum Measurements, Operation PRAIRIE FLAT. \$ 45,928.00
 SPLN (SAMSO - providing funds)

LTC Daniel P. Christman, SPLN

Mod 1 \$

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Finance Completed: 9 Jul 69	Sent to FRCEN: Sep 72	Total	\$ 45,928.00
	To be Destroyed Jul 78	PAID:	<u>45,767.26</u>
Contract CLOSED:		Refund:	\$ 160.74

31 Aug 71 **CLOSED**

68-C-0140 Boeing Company		CPFF (a)(11)
No	Contractor	Status
(1 Jun 68 - 30 Apr 69)		(pre-contract fm N7A)
		Contract Type & Authority
SUBJECT: Ground Displacement Study. - PRAIRIE FLAT. SPLN (FY68, NWET, LN317, 35XLNX317) - SAMSO funded.		\$ 41,714.00
LTC Daniel P. Christman, SPLN		
Mod 1		\$
Mod 2		\$
Mod 3		\$
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$
Sent to FRCEN: FEB 1977 To be Destroyed Oct 82		\$
Brought Forward		\$
Total PAID Refund:		\$ 41,714.00 41,394.06 \$ 319.94
Contract CLOSED: CLOSED 15 Sep 75		

No	Contractor	Status	Contract Type & Authority
	(1 May 68 - 31 Oct 68)	(pre-contract fm N/A)	

SUBJECT: Measurements of Dust Generated by High Explosive Charges(U). \$ 62,434.00
 SPSS (FY68 NWER, RSS 2047)

Maj L. P. Mosteller, SPSS

Mod 1	Continuation of the Study of Energy Coupling. Time extension to 31 Dec 69.	\$ 100,000.00
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Mod 2	Citation of funds-since FY69 funds had not been released when Mod 1 was written. (FY69 NWER SA001)	\$ 173,739.00
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Mod 3	Continuation of work. (FY69NWER SA001) Time extension to 31 Jan 70	\$ 26,368.00
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Mod 4	Provide computer time.	\$ --
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Mod 5	Continuation of Study (FY70 NWER SA001 04) Time extension to 31 Oct 70.	\$ 198,073.00
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Mod 6	Time extension to 30 Apr 71.	\$ ----
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Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to GREEN: *Sept 74*
 TL destroyed *Jul 80*

Brought Forward

Per .ance Completed: *25 Apr 71*

Contract CLOSED:

Total	\$ 560,614.00
PAID	<u>560,546.00</u>

Refund:	\$ 68.00
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CLOSED

68-C-0142 Moleculon Research Corporation

CPFF (A)(11)

No	Contractor	Status	Contract Type & Authority
	(24 May 68 - 31 Dec 68)	(pre-contract fm 1 May 68) (\$5,000.00)	

SUBJECT: Passive Dosimetry for DIANA MOON.
TC (project 8.03) \$ 15,493.00

Capt James R. Holley, TC

Mod 1 Analysis of dosimeters and time extension to 31 Mar 69. \$ 24,868.00

Mod 2 Overhead adjustment \$ 1,388.68
FY 68 - J32QAXAZ874-01

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to [unclear] Sep 72
To be Destroyed Jul 78

Brought Forward

Total \$ 41,749.68
PAID: 41,749.68

Contract CLOSED:

Refund: \$ - 0 -

Performance Completed:

14 Jan 69

10 Feb 72

CLOSED

(IN BANKRUPTCY)

68-C-0143 Computer Applications Incorporated

CPFF (a)(11)
Contract Type
& Authority

No	Contractor	Status
	(1 May 68 - 1 Nov 68)	(pre-contract fm N/A)

SUBJECT: DASA automated financial management system.
COMP-1 (FMIS 1350, ABNAAH)

\$ 62,803.00

Mr. Paul Guggenheim, COMP-1)

Mod 1 Additional programming services for a Field Command
Personnel Management System.
(FY68
Time extension to 28 Feb 69.

\$ 112,238.00

Mod 2 Additional effort.
(FY69 O&M, FMIS-131DNJA)
Time extension to 30 Jun 69.

\$86,312.00

Mod 3 Completion of Personnel Management System.
Time extension to 20 Mar 70.

\$ 91,029.00

Mod 4 Additional effort.
(O&M FY 69 RMSS 131D NJA)
Time extension to 30 Jun 70.

\$ 195,293.00

Mod 5 Settlement agreement for close-out.

- \$ 5,976.00 (decrease)

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: *Lip 74*To be employed *Jul 80*

\$

Brought Forward

\$ 541,699.00

P ance Completed: *30 July 70*

Total \$ 531,909.00

Contract CLOSED:

Refund: \$ 9,790.00

CLOSED*19 Jul 73*

68-C-0144 Riverside Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Jun 68 - 31 May 69)	(pre-contract fm N/A)	

SUBJECT: Data Reduction and Analysis.

RAAE

(FY68 NWER, RHA 5043) - FU of DASA Cont-67-C-0109)

\$20,822.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Time extension to 7 Oct 69.

\$ ----

Mod 2 Funds added to cover OH adjustments.
68 HE 043 07

\$ 1,120.00

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FROEN: Sep 72
To be Destroyed Jul 74

Brought Forward

\$

\$

Finance Completed:

7 Oct 69

Total \$ 21,942.00

PAID: 21,942.00

Contract CLOSED:

Refund: \$ - 0 -

17 Sep 71 CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 May 68 - 31 Oct 68)	(pre-contract fm N/A)	
SUBJECT: Measurement of Tunnel Environment and Experimental Noise at HUDSON SEAL.			\$ 75,905.00
LTC John H. Vanston, TC (TechMon: Capt Carlson, AFWL)			
Mod 1	Time extension to 31 Dec 68. (To correct contract completion date - erroneously dated)		\$ ---
Mod 2	Improve instrumentation for HUDSON SEAL. Time extension to 15 Feb 69.		\$ 23,410.00
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Performance Completed:			Total \$ 99,315.00
Contract CLOSED:			PAID: 97,420.02
			Refund: \$ 1,894.98

15 Feb 69 Sent to FREEMAN May 72
To be Destroyed Jul 77

15 Feb 69 Sent to FREEM May 72
To be Destroyed Jul 77

24 Nov 70

CLOSED

C-0146 Lockheed Aircraft Corp.
Lockheed Missiles & Space Co.

CPFF (a)(11)

Contractor Status
(4 Jun 68 - 31 Dec 69) (pre-contract fm 29 Apr 68)
(237,000.00)

Contract Type
& Authority

SUBJECT: DIANA MIST experimental system.

\$ 475,000.00

Maj George J. Kubal

Mod 1 Incremental funding.

\$ 500,000.00

Mod 2 Incremental funding to reach contract level.

\$ 422,873.00

Mod 3 Alteration and/or increase in scope of work.
Program name changed to DIESEL TRAIN
Time extension to 30 Jun 70.

\$ 704,681.00

Mod 4 Change in work scope.

\$ 300,000.00

Mod 5 Incremental funding to bring funding to contract amount

\$ 185,973.00

Mod 6 Additions to the Scope of Work which will provide shock
isolation for one scientific station and will provide
an analysis of gas dynamics inside the pipe.

\$ 19,070.00

Mod 7 Additions to the scope of work. (program changes)

\$ 41,186.00

Mod 8 Decrease amount of contract (underrun)

- \$50,000.00 (Decrease)

Mod 9 1968 OH Rates

\$ --

ance Completed:

Sent to FRCEN: Brought Forward
To be Destroyed

Total PAID: \$ 2,628,783.00
2,605,475.07

Contract CLOSED:

Refund: \$ 23,307.93

CLOSED

20 Nov 72

68-C-0147 Physics International Company

CPFF (A)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Jun 68 - 30 Sep 69)	(pre-contract fm 1 Mar 68) (\$30,000.00)	

SUBJECT: Investigation of Coupling and Decoupling of Underground
SPSS Nuclear Explosions.
(ARPA Order 1188)

\$ 130,000.00

LTC Lewis L. Reign, Jr. , SPSS

Mod 1 Incremental funding -

\$ 95,000.00

Mod 2 Time extension to 31 May 70.

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: Sep 74

To be Destroyed Jul 80

Brought Forward

\$

\$

P nce Completed:

21 July 70

Contract CLOSED:

1 Apr 74 CLOSED

Total \$ 225,000.00

PAID 225,000.00

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 Apr 68 - 31 Aug 68)	(pre-contract fm)	

SUBJECT: Air Drop Computer Support Capability For JTF-8
APTE (Follow-up -DA-49-146-XZ-530)

\$ 15,179.00

LTC Scanlon, JTF-8

Mod 1 Additional efforts necessary.
 Time extension 30 Sep 68.

\$ 5,053.00

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: 26 Jan 71

To be Destroyed Jul 75

Brought Forward

\$

\$

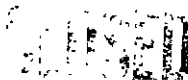
Total \$ 20,232.00

PAID: 20,232.00

Refund: \$ none

ance Completed: 24 Sep 68

Contract CLOSED: 17 Jan 69



Refund: \$ 15.00

No	Contractor	Status	Contract Type & Authority
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(10 May 68 - 15 Nov 68) (pre-contract fm --)

SUBJECT: Determine mass of Material removed from test shield:
SPAS (FY68 NWER, Subtask 1127)

\$ 100,566.00

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Jan 12
To be Destroyed Jul 76

Brought Forward

\$

Total \$ 100,566.00

Pe ance Completed:

Contract CLOSED:

Refund: \$ 1,005.66

17 Jul 64

CLOSED

Contractor	Status	Contract Type & Authority
(13 May 68 - 13 Feb 69)	(pre-contract fm N/A)	

SUBJECT: An Investigation of Dust Lofting Mechanisms.
SPSS (FY68 NWER RSS 2047)

\$ 59,900.00

Maj L. P. Mosteller, SPSS

Mod 1	Time extension to 13 May 69.	\$ ----
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Mod 2	Additional funds to cover unanticipated costs. (FY69 SB 047) Time extension to 31 Oct 69.	\$ 4,437.00
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Mod 3	Time extension to 31 May 70.	\$ --
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Mod 4	Time extension to 15 Mar 71	\$ ---
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Mod 5		\$
-------	--	----

Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FRCEN: Aug 74
To be Destroyed Jul 79

Brought Forward	\$
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ance Completed: 15 Mar 71

Total \$ 64,337.00

PAID: 64,337.00

Contract CLOSED:

Refund: \$ - 0 -

30 Aug 72

CLOSED

68-C-0153 Gulf General Atomic Inc.

CFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(29 May 68 - 28 Aug 69)	(pre-contract fm N/A)	

SUBJECT: Internal Shield Development Program.
SPAS (FY68 NWER RAS 3311)

\$ 222,864.00

Maj Austin Lowrey, SPAS

Mod 1 Delete Item 4 of work statement
Change final report requirement

\$ ---

Mod 2 Novation Agreement.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

P mance Completed:

Contract CLOSED: NOV 10 1972

Sent to FRCEN:
To be Destroyed

Brought Forward

Total \$ 222,864.00
Paid \$ 222,864.00

Refund: \$ -0.00

CLOSED

No	Contractor	Status	Contract Type & Authority
	(16 Jun 68 - 31 Dec 68)	(pre-contract fm N/A)	

SUBJECT: Sponsorship of the Annual Conference on Nuclear and Space
Radiation Effects.
RAEV (FY68 NWER, REP 2001)

\$ 4,000.00

45
3 Jan 68
Maj John J. McGee, RAEV

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: 26 Jan 71

To be Destroyed Jul 75

Brought Forward

\$

\$

Total

\$ 4,000.00

Finance Completed:

28 Jan 69

Contract CLOSED:

11 March 1969 closed

Refund:

\$ - 0 -

No	Contractor	Status	FP (a)(11) Contract Type & Authority
	68-C-0154 Institute of Electrical and Electronics Engineers, Inc. (16 Jun 68 - 31 Dec 68)	(pre-contract fm N/A)	
	SUBJECT: Sponsorship of the Annual Conference on Nuclear and Space Radiation Effects. (FY68 NWER, REP 2001)		\$ 4,000.00
	RAEV Maj John J. McGee, RAEV		
Mod 1			\$
Mod 2			\$
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Total			\$ 4,000.00
Refund:			\$ - 0 -

45
3 Jan 68
 Sent to FRCEN: 26 Jan 71
 To be Destroyed Jul 75
 Performance Completed: 20 Jan 69
 Contract CLOSED: 11 March 1969 closed

No	Contractor	Status	Contract Type & Authority
	(20 May 68 - 20 Oct 69)	(pre-contract fm N/A)	
SUBJECT:	MINE SHAFT: Ground Motion Measurements.		\$ 369,780.00
SPSS	(FY68 NWET, 40XSSX006)		

CDR Malcolm J. Macdonald, SPSS

Mod 1	Additional work	\$ 23,665.00
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Mod 2	Additional work (overrun) FY69 NWET L40BAXSX302) Reduce time to 30 Jun 69.	\$ 59,690.00
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Mod 3	Incorporation of OH rates for '68	\$ ---
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Mod 4	Incorporation of OH rates for '69 Time extension to 31 Mar 70.	\$ ---
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

Pe nance Completed: 31 Mar 70

Total \$ 453,135.00

PAID: 446,617.50

Contract CLOSED:

Refund: \$ 6,517.50

3 Mar 71 **CLOSED**

No	Contractor	Status	CostSharing (a)(5)
		(10 Jun 68 - 9 Sep 69) (pre-contract fm N/A)	Contract Type & Authority

SUBJECT: RAAE	Experiment on Oblique Collisionless Shock Waves in Plasma. (FY68 NWER, RHA 3040)		\$ 114,342.00
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LTC Clyde C. Reynolds, RAAE			
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Mod 1	Time extension to 9 Nov 69.		\$ ----
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Mod 2			\$
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Mod 3			\$
-------	--	--	----

Mod 4			\$
-------	--	--	----

Mod 5			\$
-------	--	--	----

Mod 6			\$
-------	--	--	----

Mod 7			\$
-------	--	--	----

Mod 8			\$
-------	--	--	----

Brought Forward			\$ 114,342.00
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			\$ 113,742.79
--	--	--	---------------

Total			\$
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Contract Completed:	9 Nov 69		
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Contract CLOSED:	30 Apr 79	Sent to FRCEN:	Nov 79
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To be Destroyed	Dec 85	Refund:	\$ 599.21
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68-C-0157 Stanford Research Institute

CPFF (a)(11)

No

Contractor

Status

Contract Type

(22 May 68 - 15 Sep 68) (pre-contract fm 19 Feb 68
(\$46,500.00)

& Authority

SUBJECT: Diagnostics for DIANA MOON.
TC

\$ 395,441.00

Capt James R. Holley, TC

Mod 1

Update and restate the objectives.
Time extension to 30 Jun 69.

\$ 33,998.00

Mod 2

Incorporation of OH rates for '68

\$ --

Mod 3

Incorporation of OH rates for 1969.

\$ --

Mod 4

Additional funds to cover OH adjustment.
J32QAXAX873 01

\$ 10,001.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN. Brought Forward

Re

ice Completed:

28 Apr 69

To be Destroyed

Jul 79

Total

\$ 439,440.00

PAID:

435,585.36

Contract CLOSED:

Refund:

\$ 3,854.64

7 Mar 73

CLOSED

NRA

68-C-0158 Nuclear Research Associates, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(6 Jun 68 - 6 Jan 69)	(pre-contract fm N/A)	

SUBJECT: Riometer Development.
RAAE (FY68 NWET/MTR, 20 AHA X628)

\$ 32,000.00

3K
3 Jan 69
Dr. Charles A. Blank

Mod 1
Phase II of Riometer Development.
(FY69 NWEE(TID) K11BAXHX530)
Time extension to 15 Feb 70.

\$ 42,350.00

Mod 2
Time extension to 31 Dec 70.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN:
To be Destroyed

Aug 74
Jul 79

Brought Forward

\$

\$

Per Date Completed:

Total \$ 74,350.00

Contract CLOSED:

PAID: 74,350.00

Refund: \$ - 0 -

18 June 71
12 Jan 73
CLOSED

68-C-0159

The Dewey Electronics Corp.

(formerly)

G. C. Dewey Corporation

CPFF (a)(11)

No

Contractor

Status

Contract Type

& Authority

4 Jun 68 - 31 Aug 69) (pre-contract fm 1 May 68)
(\$15,000)

SUBJECT:

RAAE

Laboratory Studies of VLF Propagation Effects \$153,720.00
in the Simulated Disturbed Sub-D Region.
(FY68 NWERT , 19XHAX603), 02

Dr. C. A. Blank, RAAE

Mod 1 Time extension to 15 May 70.

\$ --

Mod 2 Novation agreement

\$ ---

Mod 3 Time extension to 74JAN 14

\$ ---

Mod 4 Cost Growth
NWET 000134-68

\$ 22,585.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

0 10 NOV 1982

\$

D Dec 88

Brought Forward

\$ 176,305.00

\$ 175,625.34

Pe re Completed:

Total \$ 679.66

Contract CLOSED:

27Oct80

Refund:

\$ 679.66

14 Jan 74

↓

68-C-0160 Moleculon Research Corporation

CPFF (A)(11)

No

Contractor

Status

Contract Type

(17 Jun 68 - 30 Jun 69) (pre-contract fm N/A)

& Authority

SUBJECT: Passive Dosimetry for DIANA MIST (U)

\$ 20,000.00

TC

Capt John D. Paull, TC (Cap V.W.Slivinsky-Tech Monitor)

Mod 1 Cancellation - Stop work order

\$ —

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$ 20,000.00

Total

\$ 20,000.00

Per nce Completed:

Contract CLOSED: 15 MAR 1979

NOV 1979

Refund:

\$ — 0 —

iler 85

No	Contractor	Status	Contract Type & Authority
	(6 Jun 68 - 13 Aug 69)	(pre-contract fm 13 May 68 (\$7,000.00))	

SUBJECT: Provision of Services in Analyzing Radiation Effects on Electronic Systems.
RAEV (FY68 NWER, RTR 5060)

\$ 102,698.00

Maj John J. McGee, Jr. RAEV

Mod 1 Change reporting requirements.
Time extension to 13 Dec 69.

\$ ----

Mod 2 Additional cost to cover a 1 year extension to the basic contract.
FY 70, NWER Subtask TE060(04)
Time extension to 13 November 70

\$ 86,130.00

Mod 3 Continuation of work 71 NWER TE 060 04
Time extension to 13 Nov 71.

\$ 99,973.00

Mod 4 Time extension to 30 Jun 73

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

SEP 1975

\$

Sent to FRCEN:
To be Destroyed Jul 1981

\$

Pe:

be Completed:

Contract CLOSED:

Total \$ 288,801.00
PAID 288,801.00

Refund: \$ -0-

30 Jun 73
28 Jan 75
CLOSED

68-C-0162 Cornell University

COST (a)(5)

No	Contractor	Status	Contract Type & Authority
	(15 Jul 68 - 15 Sep 69)	(pre-contract fm N/A)	

SUBJECT: Incapacitation and Performance Decrement Following Split
STMD Doses of Fission Spectrum Radiation.
(FY68 NWER, RMD 1.170)

\$ 18,200.00

LTC William R. Godden, STMD

Mod 1 Time extension to 15 Sep 70.

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Per the Completed:

Contract CLOSED:

Sent to ERGEN. Brought Forward
Total PAID: \$ 18,200.00
18,200.00

Refund: \$ - 0 -

CLOSED

14 Aug 72

68-0163	Northrop Corporate Labs	L	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(17 Jun 68 - 16 Sep 69)	(pre-contract fm N/A)	
SUBJECT: Thermomechanical effects on electron devides.			\$ 100,000.00
Maj J.J. McGee, RAEV			.
Mod 1	Add incremental funding		\$181,966.00
Mod 2	Time extension to 30 Apr 70.		\$ ---
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$

Finance Completed:

Contract CLOSED:

21 May 70 Sent to FRGEN: by 72
To be Destroyed Jul 78

CLOSED

Brought Forward	\$
Total	\$ 281,966.00
PAID:	280,118.12
Refund:	\$ 1,847.88

28 Dec 71

88-C-164 Packard Bell Electronics Corporation

FP (a)(11)

No	Contractor	Status	Contract Type & Authority
	(21 Jun 68 - 31 Mar 69)	(pre-contract fm N/A)	

SUBJECT: Low level wind system for Johnston Island.
MIGHTY SKY Subtask 946

\$ 44,215.00

LTC Thomas S. Scanlon, JTF-8

Mod 1 Time extension to 3D ^{Jun} 69.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Janna

To be Destroyed Jul 76

Brought Forward

\$
\$

Performance Completed:

11 May 69

Total

\$ 44,215.00

Contract CLOSED:

19 Sep 69

Refund:

\$ - 0 -

68-C-0165 Dikewood Corporation

CPFF a(11)

No	Contractor	Status	Contract Type & Authority
	(18 Jun 68 - 30 Nov 68)	(pre-contract fm N/A)	

SUBJECT: Assistance in Production of JTF-2 Final Report.
JTF-2

\$ 82,852.00

Col Herbert E. Mendenhall (CDR Claude Navarrette, Jr. - Alternate)

Mod 1	Increase level of effort, relating to technical support of (MIPR JTF-2-68-17-A1)	JTF-2 final report.	\$ 27,278.00
-------	--	---------------------	--------------

Mod 2			\$ ---
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Mod 3			\$
-------	--	--	----

Mod 4			\$
-------	--	--	----

Mod 5			\$
-------	--	--	----

Mod 6			\$
-------	--	--	----

Mod 7			\$
-------	--	--	----

Mod 8			\$
-------	--	--	----

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$
\$

P mance Completed:

15 Nov 68

Total \$ ~~xxx~~\$110,130.00

Paid: 110,130.00

Contract CLOSED:

30 Mar 70

CLOSED

Refund: \$ - 0 -

68-C-0166	Gulf General Atomic	L	CPFF a(11)
No	Contractor	Status	Contract Type & Authority
	(14 Jun 68 - 30 Jun 69)	(pre-contract fm N/A)	

SUBJECT: Measurement of tunnel environment at MING VASE 9.64.

\$60,372.00

TCDT-T

CDR A.C. O'Leary (Tech Monitor - Maj R.C. Lewis, AFWL)

Mod 1 - Novation Agreement.

\$ ----

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FPCIL: Sep 72
To be Destroyed Jul 78

Per nce Completed:

24 Jan 69

Contract CLOSED:

2 Nov 71

CLOSED

Brought Forward

\$
\$

Total

\$ 60,372.00

PAID:

51,806.84

Refund:

\$ 9,065.16

No	Contractor	Status	Contract Type & Authority
	(20 Jun 68 - 30 Jun 69)	(pre-contract fm N/A)	

SUBJECT: Real-time measurements of tunnel environment for extended times under conditions of high pressure, temperature and radiation in U12e tunnel complex, DIANA MIST 9.64

\$ 20,000.00

TCDT-N

Maj H.N. Craig

Mod 1 Incremental funding -

\$ 40,000.00

Mod 2 Redirect work from DIANA MIST to DIESEL TRAIN.
Time extension to 24 Mar 70.

\$ 12,127.00

Mod 3 Additional costs for postponement of readiness date and add measurements of Line of Sight pipe repressurization.
Time extension to 16 Jun 70

\$ 61,827.00

Mod 4 Novation Agreement.

\$ ---

Mod 5 Time extension to 30 Sep 70.

\$ ---

Mod 6

\$

Mod 7

\$

Mod 8

\$

Per nce Completed:

Sent to FRCEN: Brought Forward
To be Destroyed

Aug 74
Jul 79
Total
PAID:

\$ 133,954.00
127,023.12

Contract CLOSED:

Refund: \$ 6,930.88

17 May 73

CLOSED

No	Contractor	Status	Contract Type & Authority
	(25 Jun 68 - 31 Dec 68)	(pre-contract fm N/A)	

SUBJECT: Produce a tested, operational system that will meet DASA Requirements.
COMP-1 (FMIS 1250 ABNBAAH) \$ 32,845.00

Mr. Paul R. Guggenheim, COMP-1

Mod 1 Continuation of the system development effort. \$ 26,171.00
 Second Phase. (FY69 RMS 131 D NJA)
 Time extension to 31 May 69.

Mod 2 Additional work. \$ 13,930.00
 (EX RMS 131D NJA Cost Center 1252)
 Time extension to 30 Jun 69.

Mod 3 System Modification Support primarily for the DASA Stockpile Management System and the Nuclear Weapons Cost Data System \$ 53,623.00
 Time extension to 30 Jun 70

Mod 4 Funds for OH adjustments \$ 9,086.86
 O & M funds -

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Pe ance Completed: 30 Jun 70

Contract CLOSED:

Total \$ 135,255.86
 PAID 135,255.86

Refund: \$ -0-

CLOSED
 25 Oct 73

See to EGCEN: Sep 74
 Employed Jul 80

No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 - 31 Aug 69)	(pre-contract fm N/A)	

SUBJECT: Thermal Radiation Transport Codes for use on the IBM-
and CDC Computer Systems.
(FY68 NWER, RHA 3062)

\$ 74,970.00

LTC H. C. Fitz, Jr., RAAE

Mod 1 Continuation of code work
(FY70 NWER HC 062 06)
Time extension to 31 Jan 71.

\$ 29,700.00

Mod 2 Time extension to 15 May 71.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Performance Completed:

Contract CLOSED:

Brought Forward
Sent to FRCEN.
To be Destroyed

Total

\$ 104,670.00

PAID:

\$ 104,670.00

Refund:

\$ - 0 -

14 Aug 72

CLOSED

68-C-0170 Battelle Memorial Institute

CPFF (a)(1)

No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 -30 Jun 69)	(pre-contract in N/A)	

SUBJECT: Provide technical support services for the Underground
 APTE Nuclear Weapons Effects Test Program.
 (FY68 NWET, 24AAXS007)

\$ 43,270.00

CR
 (Signature)
 Maj Adrian V. Polk (AFWL)

Mod 1 Time extension to 31 Jul 70.
 and Incorporation of OH clause (negotiated)

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Brought Forward

\$

Performance Completed:

Total \$ 43,270.00

Contract CLOSED:

Paid: 43,270.00

Refund: \$ - 0 -

25 Aug 71

CLOSED

Sent to FRCEN: 31 Jul 70
 To be Destroyed Jul 78

No	Contractor	Status	Contract Type & Authority
	(30 Jun 68 - 30 Jun 69)	(pre-contract fm N/A)	

SUBJECT: Underwater Explosions Effects Study.
STMD IMIPR Navy 8-0045)(FY68 STMD, RMD 1.014)

\$ 85,000.00

Maj Hal F. Stolz,
~~LTC WT W. Gibson~~, STMD

Mod 1 Further study (MIPR from Navy)
Time extension 30 Jun 70.

\$ 20,000.00

Mod 2

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Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Pe: ance Completed:

Contract CLOSED:

Total \$ 105,000.00

PAID: 104,883.90

Refund: \$ 116.10

14 Mar 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(20 Jun 68 - 31 Mar 69)	(pre-contract fm)	

SUBJECT: Study of Collisionless Plasma Shocks.
RAAE (FY68 NWER RHA 3040) 09 D

\$ 76,373.00

LTC H. C. Fitz, Jr. RAAE

Mod 1 Additional work + OH rates for '68 and '69
(FY69 NWER, HC 040) 06
Time extension to 30 Jun 70.

\$ 86,048.00

Mod 2 Continuation of work. + OH rates for '70
70 NWER HC 040 04
Time extension to 30 Jun 71.

\$39,857.00

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Pe Completed:

Total \$ 202,278.00
PAID 202,278.00

Contract CLOSED:

Refund: \$ -0-

may 73
CLOSED
21 Feb 74

See to EN: *top 74*
red *Jul 80*

No	Contractor	Status	Contract Type & Authority
	(21 Jun 68 - 31 Aug 69)	(pre-contract fm 13 May 68 (\$20,000.00))	

SUBJECT:	Developing and applying techniques for calculating the effects of high altitude nuclear explosions on systems.	\$ 313,440.00
RAAE		

LTC Andrew M. Simho, RAAE

Mod 1	Reduction in scope and effort.	\$ 50,000.00 (Decrease)
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Mod 2	Continue Investigation. (FY69 NWER HC 061) Time extension to 10 OCT 69	\$ 34,544.00
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward	\$
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Work Completed: 1 Aug 69

Contract CLOSED:

Total	\$ 297,984.00
PAID	<u>295,294.00</u>

Refund:	\$ 2,690.00
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CLOSED

22 Feb 74

68-C-0174 Braddock, Dunn and McDonald, Inc.

No	Contractor	Status	CFF (a)(11) Contract Type & Authority
	(1 Jul 68 - 28 Feb 69)	(pre-contract fm N/A)	

SUBJECT: Provide data processing and computer programming services.
JTF-2

\$ 195,948.00

Mod 1 Increase scope of work.

\$ 26,800.00

Mod 2 Additional funds for adjustments in OH rates, Etc.

\$ 7,182.22

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRGEN: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

\$

Finance Completed: 20 Dec 68

Total \$ 229,930.22

Paid: 229,930.22

Contract CLOSED:

Refund: \$ - 0 -

30 Mar 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(27 Jun 68 - 30 Jun 69)	(pre-contract fm 18 Jun 68 (\$30,000.00))	
SUBJECT: Development of the AURORA Facility. RAEV (Response to DASA01-68-R-0003) (FY68 RDT&E, RRL 2061) 040 Maj Carleton Jones, RAEV			\$2,000,000.00
Mod 1	Incremental funding (\$480,028.59- FY69 NWER, LB061).01 12,983.41- FY68 NWER RRL2061)050		\$ 493,012.00
Mod 2	Action which implement the AURORA program. (FY69 NWER LB061),06 Time extension to 28 Feb 70		\$1,184,000.00
Mod 3	Continuation of work. (FY69 NWER LB061).06 Time extension to 11 Jun 70		\$ 600,000.00
Mod 4	Balance of incremental funding for Mod P003 (FY70 NWER LB061) 061.04		\$ 1,135,539.00
Mod 5	Additional task Funds for cost growth 70 NWER LB 061 02		\$ 236,000.00
Mod 6	Extension of ADE testing period Funds for cost growth 70 NWER LB 061 02 Time extension to 27 Oct 70.		\$ 232,178.00
Mod 7	Additional funds to cover extension to ADE testing Time extension: 31 May 71. 061.02		\$ 309,693.00
Mod 8	Time extension to 30 Sep 72. Additional funds to cover cost growth 68 NWER LB 061 02		\$ 20,712.00
Brought Forward			\$ 6,211,134.00
			\$ 6,202,280.76
Total			\$ 8,853.24

Performance Completed:

unknown? 30 Sep 72

Contract CLOSED:

08 FEB 80

Sent to FROEN: 18 Jan 80
To be Destroyed Rec 86

68-C-0176 Autotech		CPFF (a)(10)	
No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 - 31 Dec 68)	(pre-contract fm N/A)	
SUBJECT: Services to develop systems and procedures for an Automated COMP Classified Document Control System for Headquarters, DASA. (from RFP DASA01-68-R-0005) Mr. Paul R. Guggenheim, COMP-1			\$ 81,320.00
Mod 1	Continuation of the effort. (FY69 Time extension to 30 Apr 69		\$ 58,781.00
Mod 2	Add'l costs due to unanticipated difficulties and delays. (RMS 131D NJA Cost Center 1252) Time extension to 31 May 69/.		\$ 8,255.00
Mod 3	Funding of final cost including adjustment to overhead and G&A costs during FY69. time extension to 30 Jun 69		\$ 8,000.00
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$

Brought Forward	\$
	\$

Finance Completed:

Contract CLOSED:

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Total	\$ 156,356.00
PAID:	156,356.00

Refund:	\$ - 0 -
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CLOSED

No	Contractor	Status	Contract Type & Authority
	(30 Jun 68 - 30 Sep 69)	(pre-contract fm N/A)	

SUBJECT: Underground Detonable Gas Explosion (Project MIRACLE PLAY) \$ 470,721.00
 SPSS ARPA Order #1262

Maj. Circo

LTC L. L. Reign, Jr., SPSS

Mod 1 Change appropriation - incorrectly cited by COMP. \$ --

Mod 2 Time extension to 30 Nov 70 \$ 301,700.00
 Increased cost to complete Events HUNID WATER AND
 DINAR COIN of the MIRACLE PLAY Series.
 ARPA Order #1262, Amendments 1 and 2

Mod 3 Additional costs - increase in scope of work \$ 63,541.00
 68 ARPA ZL 262.05
 Time extension to 28 Feb 71.

Mod 4 Time extension to 15 Dec 71. \$ ---

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

\$

\$

ance Completed: 15 Dec 71 Sent to FROEN: Brought Forward
 To be Destroyed *Aug 74*
 Total PAID: \$ 835,962.00
 \$ 827,998.67

Contract CLOSED:

Refund: \$ 7,963.33

14 Aug 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(28 Jun 68 - 10 Jul 68)	(pre-contract fm N7A)	

SUBJECT: Frequency Extender and Carrying Case

\$ 8,075.00

Mod 1

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Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

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Mod 8

\$

Sent to FREEM: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Per nce Completed:

18 July 68

Total \$ 8,075.00

PAID: 8,075.00

Contract CLOSED:

Refund: \$ - 0 -

20 Oct 71 **CLOSED**

68-C-0179 Scope Inc.

FP (a)(10)

No	Contractor	Status	Contract Type & Authority
	(28 Jun 68 - 30 Sep 68)	(pre-contract fm N/A)	

SUBJECT: Modification of FIND installation .

\$ 9,480.00

OASIS

Mod 1 Time extension to 31 May 69.

\$ --

Mod 2 Improve the technical capabilities of the HQ DASA RF Probe Security System
Time extension to 1 Nov 70.

\$ 6,206.00

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

P- ance Completed:

6 April 71

Total \$ 15,686.00

PAID: 15,686.00

Contract CLOSED:

Refund: \$ - 0 -

11 Feb 72 **CLOSED**

69-C-0001 The Dikewood Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 - 1 Sep 68)	(pre-contract fm N/A)	

W/K 19 Jul 68
 SUBJECT: VISTRAC Model Improvement.
 JTF-2

\$ 28,501.00

LTC Willard H. Stanfield

Mod 1 Assist with the preparation of Test 4.4 Volume 8.
 (JFT 2-68-19A-1)
 Time extension to 15 Dec 68.

\$ 23,531.00

Mod 2

\$

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: Jan 72
 To be Destroyed Jul 76

Brought Forward

\$

Per ice Completed: *16 Dec 68*

Total \$ 52,032.00

PAID: 51,492.80

Contract CLOSED:

Refund: \$ 539.20

7 Apr 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 - 15 Dec 68)	(pre-contract fm N/A)	

SUBJECT: Completion of the mathematical model calibration, and
JTF-2 documentation effort for the JTF-2 Test 4.1.

\$ 86,944.00

CDR Sherman C. Black, JTF-2

Mod 1 Cost growth - a task more difficult to complete -
additional labor and computer time.

\$ 8,304.80

Mod 2

\$

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to ERBEN: May 72
To be processed Jul 77

Brought Forward

\$

Performance Completed:

Total \$ 95,248.80

PAID: 95,248.80

Contract CLOSED:

Refund: \$ - 0 -

20 Aug 70

CLOSED

69-C-0003 Information Science, Inc.

FP (a)(11)

No	Contractor	Status	Contract Type & Authority
	(15 Jul 68 - 14 Jan 69)	(pre-contract fm)	

SUBJECT: Study and Recommendations for Updating the MIGHTY SKY Subtask \$ 45,609.00
 APTC 909 System.
 (FY68 NWET, TS909)

Capt S. E. Garbutt, APTC

Mod 1 Change instructions for submission of SD Form 1034 on face page\$ ----

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: 26 Jan 71

To be Destroyed Jul 75

Brought Forward \$

Total \$ 45,609.00

Performance Completed: 13 Jan 69

Contract CLOSED:

Refund: \$ 228.00

23 May 69

CLOSED

69-C-0004 Beckman Instruments

FP
~~XXXX~~ (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Aug 68 - 31 Dec 68)	(pre-contract fm N/A)	

SUBJECT: Field maintenance PICE

\$ 25,294.00

Capt Garbutt

Mod 1	Additional maintenance services for PICE at Kirtland AFB Time extension to 10 Feb 69.	\$ 11,245.00
-------	--	--------------

Mod 2	Change appropriation.	\$ ---
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: 26 Jan 71

To be Destroyed Jul 75

Brought Forward \$

Performance Completed:

Total \$ 36,539.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

23 May 1969

69-C-0005 IIT Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Aug 68 - 31 Mar 69)	(pre-contract fm 1 Jul 68) \$14,000.00	

SUBJECT: MINE SHAFT
Services for Instrumentation and Participation in Project
MINE ORE.

\$ 70,088.00

CDR Macdonald, STSB

Mod 1 Time extension to 20 Aug 69

\$ ----

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to ERGEN: *sep 74*
Total destroyed *Jul 80*

\$

Brought Forward

\$

Performance Completed:

23 Sep 69

Total \$ 70,088.00

PAID: 70,088.00

Contract CLOSED:

Refund: \$ - 0 -

*11 Feb 71***CLOSED**

9-0006 Burroughs Corporation

FP (a)(10)

to

Contractor

Status

Contract Type

(1 Aug 68 - 30 Jun 69) (pre-contract fm N/A)

& Authority

SUBJECT: Purchase of 30 hours of operational time on the B3500 Installed \$ 2,550.00 (NTE)
 COMP-1 at the Burroughs Copp.

HS
26 Jun 68
Maj George F. Moraveck, COMP-1

Mod 1 - Purchase of 25 hours of operational computer time. \$ 2,125.00
 HS
10 Feb 69

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Jan 72
 To be Destroyed Jul 76

Brought Forward \$

Per ance Completed:

Total \$ 4,675.00

PAID: 4,675.00

Contract CLOSED:

Refund: \$ - 0 -

18 Mar 70

CLOSED

69-C-0007 Boeing

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Aug 68 - 31 Mar 69)	(pre-contract fm 1 Jul 68) \$10,000.00	
SUBJECT:	Permanent Displacement in Rock. (MINE ORE)		\$ 37,608.00
STSP(SPSS)	(FY69 NWET, L40XZX5X008)		

CDR M. J. Macdonald, SPSS

Mod 1	Additional effort (FY69 NWET)	\$ 10,911.
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Mod 2	Time extension to 31 May 69.	\$ ---
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8	Sent to FRCEN: SEP 1975	\$
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To be Destroyed *Jul 1981*

Brought Forward \$

ce Completed: *28 May 69*

Total	\$ 48,519.00
PAID	<u>48,497.67</u>

Contract CLOSED:

CLOSED*14 May 75*

Refund:	\$ 21.33
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69-D-0008 University of Rochester

Indefinite Quantity

No	Contractor	Status	Contract Type & Authority
	(24 Jun 68 - 30 Jun 69)	(pre-contract fm)	

SUBJECT: Instruction of Military Personnel in "Advanced Course
in Nuclear Science for Medical Officers.

\$ 21,390.00 (NTE)

CDR Luzader,

Mod 1 First Delivery Order

\$

\$12,171.00

Mod 2

Second Delivery Order

\$

\$7,273.00

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

\$

Mod 7

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Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

\$

Finance Completed:

Total \$ 21,390.00

PAID: 19,444.00

Contract CLOSED:

Refund: \$ 1,946.00

CLOSED

No	Contractor	Status	Contract Type & Authority
	(15 Aug 68 - 14 Aug 71)	(pre-contract fm 16 Jul 68 \$35,000.00)	

SUBJECT: Site Preparation for a Scientific Rocket Facility \$ 91,032.00
 JTF-8
 ARPA

LTC Floyd D. Holder, Jr., (JTF-8)

Mod 1 Additional costs for adjustment of overrun. \$ 71,418.00
 (FY70 NWER 2B ZL 289 2B 3200 -ARPA 1289)

Mod 2 Time extension to 31 Aug 72. \$ --

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

ance Completed:

31 Aug
 30 Mar 72

Total \$ 162,450.00
 PAID: 161,590.07

Contract CLOSED: 28 APRIL 77

Refund: \$ 859.93

Sent to PROCEN: Dec 77
 To be Destroyed 6 Aug 83

69-C-0010	Rhodes & Bloxson	FP
No.	Contractor	Contract Type & Authority
	(26 Aug 68 - 28 Feb 69) (pre-contract fm)	
SUBJECT:	Experimental Support of Lockheed Dust Computations. (44 runs)	\$ 118,500.00
SPAS	(FY69, AA127)	

Mr. Morton Rubenstein, SPAS

Mod 1	Additional test runs. (FY69 AA127) Time extension to 31 Jul 69.	\$ 61,459.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Sent to ERCEN: Jan 72
To be Destroyed Jul 76

Brought Forward	\$
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Total	\$ 179,459.00
Paid	179,459.00

Performance Completed:

Jan 69
17 Nov 69

Refund - 0 -

69-C-0011 Kaman Sciences Corp.

CPFF (A)(11)

No	Contractor	Status	Contract Type & Authority
	(20 Sep 68 - 2 Jul 69)	(pre-contract fm 2 Sep 68) \$40,000.00	

SUBJECT: Target Damage Analysis Model.
SPLN FY69 NWER RLN NCO03.01

\$ 97,590.00

Mr. Louis J. Belliveau, SPLN

Mod 1 Time extension to 2 Nov 69.

\$ --

Mod 2 Extension of effort.
(70 NWER NC 003 03)
Time extension to 31 May 71.

\$ 30,000.00

Mod 3 Time extension to 30 Jun 72.

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to OPEN:
To 1000000

Brought Forward

\$

\$

Pr

nce Completed:

30 Jun 72

Total
PAID\$ 127,590.00
127,590.00

Contract CLOSED:

CLOSED

Refund:

\$ -0-

14 SEP 73

No	Contractor	Status	Contract Type & Authority
	(10 Sep 68 - 10 Dec 69)	(pre-contract fm N/A)	
SUBJECT: Investigation of early time nuclear weapons effects: RARP			\$ 300,095.00
BTC G.C. Reinhardt DR PRICE			

Mod 1 Change scope of work. \$ ----

Mod 2 Revision to Scope of Work to include additional work on 1-D Device Calculations and 2-D Code Development. Time extension to: 31 Dec 70. \$ 149,518.00

Mod 3 Novation Agreement. \$ ----

Mod 4 Change of name Time extension 31Aug 71. \$ ---

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

Perf -ance Completed: 26 Aug 71

Total \$ 449,613.00
PAID 446,102.51

Contract CLOSED:

CLOSED 28 Jan 75

Refund: \$ 3,510.49

No	Contractor	Status	Contract Type & Authority
	(14 Feb 69 - 31 Mar 70)	(pre-contract fm 10 Jun 69)	
		\$275,000.00	

SUBJECT: Underground Test Diagnostics - DIANA MIST. \$ 670,000.00
 TC TAPPER and DIESEL TRAIN.

W.G. 27 Jul 69
 Capt John D. Paull, TC

Mod 1 Additional costs incurred because of a change in the \$ 44,000.00
 DIESEL TRAIN .
 Time extension to 15 Jun 70.

Mod 2 Funds for the design, fabrication, and fielding of the \$ 17,138.00
 special calorimeters.
 70 NWET J32JAXAX873 01
 Time extension to 21 Aug 70

Mod 3 1968 OH rates \$ --

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Pr ce Completed: Jul 70

Contract CLOSED:

Sent to FRCEN: Brought Forward
 To be Destroyed Jul 79

Total \$ 731,138.00
 PAID: 728,560.93

Refund: \$ 2,577.07

11 Jan 73

CLOSED

69-C-0014	Stanford Research Institute	NP	CPFF (a)(11)
N	Contractor	Status	Contract Type & Authority
	(16 Sep 68 - 15 Nov 69) (pre-contract fm	N/A	

SUBJECT: Development of a High Sensitivity Shock Transducer for the Low
SPSS Kálobar Range.
(ARPA Order No. 1238)

\$ 92,301.00

LTC Lewis L. Reign, Jr. SPSS

Mod 1 Fielding and Calibration of Ytterbium Stress Transducers \$ 90 179.00
ARPA #1695, Program Code 1 F10 = \$67,389 (1695.01 '71) 387.
ARPA #1238, Amend #2, Program Code 8F10 = \$1,792 (238.01) '68
Time extension 9 Jul 71

Mod 2 Incorporation of 68 OH rates. \$ --

Mod 3 Costs incurred by delay of Event DIAMOND MINE & DIAGONAL LINE \$ 6,031.00
ARPA 1695 , Amend 2
Time extension to 30 Jun 72

Mod 4 Time extension to 31 Aug 73 \$ --

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to EISEN: *Aug 74*
Jul 80

Brought Forward \$
Total PAID \$ 188,511.00
188,511.00

REFUND -0-

ance Completed:

Aug 73
10 Jul 74
CLOSED

-0015

Nuclear Defense Research Corp. of New Mexico, Inc.

CPFF (a)(11)

Contractor

Status

Contract Type
& Authority

(1 Oct 68 - 31 Dec 69) (pre-contract fm N/A)

SUBJECT:
APTETechnical Services to Assist the DASA Technical Directors
of Underground Nuclear Weapons Effects Tests.
(FY 69 NWET TDA, J24D AXYX978) 01

\$18,186.00

Maj Adrian V. Polk, AFWL (HQ DASA COR Dr. Northrop)

Mod 1

Additional scope of work.
Time extension to 31 Dec 70.

978.01

\$ 19,682.00

Mod 2

Additional effort
70 NWET/TDA J24D AX YX 978 01
Time extension to 30 Apr 71.

\$ 58,430.00

Mod 3

Increase inscope for technical services in connection
with NWET Data and Reports.
Time extension to 15 Aug 71.

978.01

\$ 47,388.00

Mod 4

Technical director type services.
71 NWET J24DAXYX978 01
Time extension to 30 Apr 72

\$81,257.00

Mod 5

Increase scope of work.
72 NWET J24DAXYX978 01
Time extension to 31 Aug 72.

\$ 42,635.00

Mod 6

Time extension to 30 Sep 72.

\$

--

Mod 7

\$

Mod 8

Sent to FROEN:

\$

Brought Forward

\$

Per Face Completed: 26 Oct 72

Contract CLOSED:

Total
PAID\$ 267,578.00
265,853.99

Refund:

\$ 1,724.01

CLOSED

4 Mar 74

No	Contractor	Status	Contract Type & Authority
	(1 Oct 68 - 31 May 69)	(pre-contract fm N/A)	
SUBJECT: Development and Applications of Mylar Strip Lines (U)			\$199,885.00
RAEV (FY69 NWER, LA013)			
Lt J. M. Wachtel, RAEV			
Mod 1	Time extension to 30 Jun 70.		\$ --
Mod 2	Time extension to 4 Aug 70.		\$ ---
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981		\$
Brought Forward			\$
Total PAID			\$ 199,885.00 199,885.00
Refund:			\$ -0-
Finance Completed: 4 Aug 70			
Contract CLOSED: CLOSED 31 Jul 74			

69-C-0017 GCA, Corporation

FACILITIES

No	Contractor	Status	Contract Type & Authority
	(1 Oct 68 - 30 Sep 71)	(pre-contract fm)	

SUBJECT: Facilities Contract (successor to Cont 421(F))

\$ -----

Mod 1 Annual updating of equipment.

\$ ---

Mod 2 Update Schedule "A"

\$ --

Mod 3 Time extension to 31 Dec 71.

\$ --

Mod 4 Time extension to 30 Sep 72.

\$ --

Mod 5 Funding to cover PC & H for residual equipment under contract. \$ 1,425.00

Mod 6 Increase in funds to PC & H
73 J45HAXYX97023

\$ 1,222.00

Mod 7

\$

Mod 8

Sent to PROSEN:
To be reviewedAug 74
Jul 80

\$

Brought Forward

\$

Finance Completed:

7 Mar 74

Total \$ 2,647.00

Contract CLOSED:

7 Mar 74

CLOSED

7 Mar 74

Refund: \$ —

69-c-0018

TRW Systems Inc.

DDFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Nov 68 - 31 Aug 69) (pre-contract fm	N/A)	
SUBJECT:	Nuclear Blast Simulator for Ventilating Duct Systems.		\$ 89,840.00
SPSS	(FY69NWER SDO70)		

CDR M. J. Macdonald, SPSS

Mod 1	Time extension to 30 Sep 69	\$ --
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Brought Forward \$

Total \$ 89,840.00

PAID: 89,840.00

REFUND: - 0 -

Performance Completed: 30 Aug 71

CLOSED

31 Oct 69 Sent to FRECEN: 6p72
To be Destroyed Jul 78.

No	Contractor	Status	Contract Type & Authority
	(15 Oct 68 - 15 Jun 69)	(pre-contract fm N/A)	
SUBJECT: Ablation and Ablation Erosion Experiments (U)			\$ 155,685.00
SPAS (FY69NWER -AA127)			

Mr. Morton J. Rubenstein, SPAS

Mod 1 - Time extension to 15 Nov 69.

\$ ---

Mod 2 Additional costs to cover an overrun.
(FY70 NWER AA 127 10)
Time extension to 1 Dec 69.

\$ 29,479.00

Mod 3 Change name of division

\$ ----

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: FEB 1977
To be Destroyed Oct 82

\$

Brought Forward

\$

Finance Completed:

Total \$ 185,164.00

PAID 185,164.00

Contract CLOSED:

CLOSED

23 Jan 76

Refund: \$ -0-

69-C-0020	Lovelace Foundation	E	a(10)
No	Contractor	Status	Contract Type & Authority
	(1 Oct 68 - 30 Sep 71)	(pre-contract fm)	

SUBJECT: Facilities Contract

\$ none

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

Total

\$

Performance Completed:

10 Oct 71

Contract CLOSED:

10 Oct 71

Refund:

\$

CLOSED

69-C-0021	United Nuclear Corporation	LB	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(4 Nov 68 - 31 Jul 69)	(pre-contract fm N/A)	

SUBJECT: implement the Use of ENDF/B Cross-Section Data in UNC-SAM-2. \$ 48,260.00
 RARP (FY69 NWER, PC 100)

Capt R. W. Enz, RARP

Mod 1 Additional funds for overrun \$ 8,051.00
 (FY70 NWER PC 100 01)
 Time extension to 15 Feb 70.

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Performance Completed:

Total \$ 56,311.00
 PAID 51,707.47

Contract CLOSED:

Refund: \$ 4,603.53

20 Feb 70
 8 Jul 74
 CLOSED

69-C-0022	Stanford Research Institute	NP	CPFF (a)(11)
N-	Contractor	Status	Contract Type & Authority
	(6 Nov 68 - 30 Oct 70) (pre-contract fm	N/A)	
SUBJECT:	Revision of Edition of DASA EM-1 "Capabilities of Nuclear Weapons"		\$ 96,515.00
APSI	(FY 69 NWER DA002) .02		
	CDR D. E. Cloyd, STAP (APSI)		
Mod 1	Continuation of revision. Drafting of Chapters 4 and 5 of the revised edition of DASA EM-1 (FY69NWER DA002) .02		\$ 20,984.00
Mod 2	Drafting of Section III, Chapter 9. (FY70 NWER DA 002 01) Time extension to 31 Aug 71.		\$ 6,880.00
Mod 3	Portion of preparation of the Forest Thermal Effects Handbook. (FY70 NWER DA 002.03) LTC Callen STAP (COK)		\$ 1,291.00
Mod 4	Preparation of curves showing air-blast thermal exposure relationships 71 NWER DA 00201		\$ 4,492.00
Mod 5	Prepare camera-ready copy for printing the revised DASA EM-1 71 DA 002 01		\$ 32,261.00
Mod 6	Preparation of draft to revised edition of DNA EM-1 DA 002 01 Time extension to 31 Jul 72		\$ 9,863.00
Mod 7	Time extension to 6 Apr 73.		\$ --
Mod 8	Additional funds to cover OH adjustment 69 NWER ADA 002 01		\$ 2,473.00
Mod 9	Additional funds to cover OH adjustment FY 69 NWER A DA002 01		\$270.00

CLOSED: 15 SEP 75

Sent to FRCL FEB 1977

To be Destroyed Oct 82

Brought Forward

Total \$ 175,029.00

PAID: 175,029.00

REFUNDS: - 0 -

Performance Completed:

6 apr 73

69-C-0023 Professional Products, Inc.

FP (a)(10)

No

Contractor

Status

Contract Type
& Authority

(2 Dec 68 - 1 DEC 69) (pre-contract fm)

SUBJECT: Purchase of a video tape recorder system.
(FY 69 NWET - J 24CAXYX970)

\$ 3,406.00

LTC D. P. Christman, (DDST)

Mod 1

Change Shipping Instructions.

\$ ---

Mod 2

Change appropriation (typographical error)

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: 26 Jan 71
To be Destroyed Jul 75

Brought Forward

\$

\$

Total \$ 3,406.90

Performance Completed:

10 Apr 69

12 Mar 69
Closed

Refund: \$34.07

69-C-0024 Systems, Science & Software

CPFF (a)(11)

Contractor

Status

Contract Type
& Authority(12 Nov 68 - 20 Jan 70) (pre-contract fm 20 Oct 68)
\$110,000.00

SUBJECT: Nuclear Weapons Effects Analyses.

\$ 963,046.00

Dr. Northrop, DDST

Mod 1

Time extension to 1 Apr 70

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Total
PAID\$963,046.00
962,907.00

REFUND:

139.00

Performance Completed:

CLOSED:

CLOSED

15 JAN 74

1 Apr 70

IN: Sep 74
ued Jul 80

68-C-0150 Stanford Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Jul 68 - 31 Jul 69)	(pre-contract fm N/A)	

SUBJECT: Revision of Readiness Test Program for Strategic Structures \$ 49,713.00
SPSS (DISK SAILS) (U)
 (FY68 NWET, 18 X TS-X-909)

LTC Lewis Reign, SPSS

Mod 1	Time extension to 31 Dec 69.	\$	--
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Mod 2	Incorporation of OH Rates for '68 Time extension to 30 Apr 70.	\$	--
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Mod 3	Time extension to 30 Jun 70.	\$	---
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Mod 4	Incorporation of OH rates for 1969 and 1970.	\$	--
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8		\$	
-------	--	----	--

Sent to FREED: Apr 72

To be Destroyed Jul 78

7 July 70

Performance Completed:

Contract CLOSED:

Brought Forward

Total \$ 49,713.00

PAID: 49,713.00

Refund: \$ - 0 -

CLOSED

10 Mar 72

No -	Contractor	Status	CPFF (a)(11) Contract Type & Authority
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(25 Apr 69 - 25 Aug 70) (pre-contract fm N/A)

SUBJECT: Compile and review existing data pertaining to the analysis of incendiary effects of nuclear attack.
(FY69 NWER NA005)
(Awarded under RFP DASA01-69-R-0001)

\$ 49,206.00

Maj Donald C. Little, Jr., SPLN

Mod 1 Time extension to 30 Jun 74

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975

To be Destroyed Jul 1981

Total PAID \$49,206.00
49,206.00

Performance Completed:

12 Jun 74
CLOSED 28 Jan 75

REFUND \$ -0-

69-C-
0026 - 0050

9-C-0026	EG&G, Inc. (Boston, Mass)	LB	EPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(1 Nov 68 - 31 Jul 69) (pre-contract fm 1 Jul 68)	\$6,000.00	
SUBJECT: Switching and Beam-Guiding Experiments for Super Cogen			\$ 173,176.00
RAEV (FY69 NWER, LA 053)			

LTJG J. M. Wachtel, RAEV

Mod 1	Elimination of certain work requirements.	- \$ 25,000.00 (DECREASE)
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FROEN: Sep 72

To be Destroyed Jul 78

Brought Forward \$

Total	\$ 148,176.00
PAID:	139,043.19

REFUND:	9,132.81
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Performance Completed:

1 Jan 69

14 Apr 72

CLOSED

69EC-0027	Stanford Research Institute	NP	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(3 Dec 68 - 31 Dec 70) (pre-contract fm	N/A)	
SUBJECT: APSI	Compilation of Data to revise "The Effects of Nuclear Weapons" DA 002 03		\$ 94,332.00
CDR D. E. Cloyd, STAP			
Mod 1	Time extension to 31 Aug 72. Incorporation of OH rates for 1969 and 1970		\$ ---
Mod 2	Time extension fo 1 Dec 74		\$ --0
Mod 3	Time extension to 31 Dec 76 Preparation of Revised Edition of "The Effects of Nuclear Weapons" FY70 A DA 002 02		\$ 9,103.00
Mod 4	Time extension to 31 Mar 78		\$ -----
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	C - 10 NOV 1982 D - Dec 88		\$
PERFORMANCE COMPLETED - MARCH 1978 CLOSED: 9 MARCH 1982		Brought Forward	\$
		Total Paid	\$ 103,435.00
		Balance	- 0 -

69-C-0028

IIT Research Institute

CPFF (a)(11)

N

Contractor

Status

Contract Type
& Authority

(1 Dec 68 @ 31 Dec 69) (pre-contract fm N/A)

SUBJECT:
SPSSSoil Structure Interaction Computer Codes.
(FY69 NWER SC 061)

\$ 85,611.00

CDR M. J. Macdonald, SPSS

Mod 1

Time extension to 15 Jul 70.

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

Total

\$ 85,611.00

PAID:

85,506.81

REFUND:

104.19

Performance Completed:

9 July 70
11 Feb 72

CLOSED

(Univ of Va.)

69-C-0029

Research Laboratories for the Engineering Sciences

Cost (a)(5)

Y

Contractor

Status

Contract Type

(1 Feb 69 - 31 Oct 69) (pre-contract fm 1 Nov 68)
\$2,917.00

& Authority

SUBJECT: Translation and Physics Checking of Cross Sections for Shielding.
RARP (fy 69 NWER PC 100)

\$ 26,844.00

Capt Richard W. Enz, RARP

Mod 1

Time extension to 28 Feb 70.

\$ --

Mod 2

Incorporation of OH rates for 1969 and 1970.

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

sent to [unclear]

typ 74
Jul 80

28 Feb 70

20 Jul 73

TOTAL	\$	
Brought Forward	\$	26,844.0
Paid	\$	26,518.2
REFUND Total	\$	325.8

Performance Completed:

69-C-0030	Lockheed Missiles and Space Company	CREF (a) (11)
No	Contractor	Status
	(31 Jan 69 -31 Oct 69) (pre-contract fm 1 Dec 68)	Contract Type & Authority
	\$30,000.00	
SUBJECT:	The Mechanical Properties of Composite Ablator Materials, PHASE I.	\$99,700.00
SPAS	\$FY69 NWER AA114, RV and AEM Material Properties)	
	01	
	LTC Austin Lowrey III, SPAS	
Mod 1	Change scope of work. Correct an ad administrative error. Change fee withholding - 10% or \$2,500 Time extension to 4 Nov 69	\$ ---
Mod 2	Study of Wave-Propagation in Fiber Reinforced Composites 22 69 NWER AA 114.08 - \$5,719 01 = 5719 70 NWER AA 114.08 - \$58,133 08 58,281 Time extension to 25 Aug 71	\$ 64,000.00
Mod 3	1968 OH rates Time extension to 18 Apr 72 Update OH Clause	\$ --
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$
	Sent to PROEM Reviewed	Brought Forward \$
	Sep 74 Jul 80	Total PAID \$ 163,700.00 163,412.85
Performance Completed:	18 April 72	REFUND 287.15
	CLOSED 31 Jul 74	

69-C-0031	IIT Research Institute	NP	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(15 Oct 68 - 15 Jun 69) (pre-contract fm N/A)		
SUBJECT:	Study of Applications for Shock and Particle Velocity Sensor.		\$ 29,936.00
SPSS	(follow-on 69-C-0005)		

CDR M. J. Macdonald, SPSS

Mod 1	Time extension to 15 Dec 69.	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward	\$
	\$

Total	\$ 29,936.00
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PAID:	29,936.00
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REFUND:	- 0 -
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Performance Completed:

Jan 70
24 Jun 71

CLOSED

69-C-0032 Stanford Research Institute

Contractor	Status	Contract Type & Authority
(25 Nov 68 - 25 Jul 69) (pre-contract fm	N/A)	
SUBJECT: HOMER, ALASKA HF-VHF Step-Frequency Study for SECEDE III.		\$ 49,266.00
RAAE (FY69 NWET)		

Mr. Dow E. Evelyn, RAEV

Mod 1	Additional funds due to unanticipated expenditures. (FY69 NWET, MIGHTY SKY 607) Time extension to 1 Mar 70	\$ 49,869.00
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Mod 2	Time extension to 15 Jun 70. Incorporation of OH rates for 1969 and 1970	\$ --
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward

Total	\$ 99,135.00
PAID:	99,135.00

REFUND: - 0 -

Performance Completed:

3 June 70

7 Mar 72

CLOSED

69-C-0033 Kaman Nuclear

QPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(2 Dec 68 - 30 Sep 69) (pre-contract fm	N/A)	
SUBJECT:	Correlation Factor research study.		\$ 51,311.00
RAEV	(FY 69 NWER, Subtask TA038)		

LTC J.J. McGee

Mod 1 Time extension to 15 Mar 70.

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: Aug 74
To be Destroyed Jul 79

\$

Brought Forward \$

Total \$51,311.00

PAID: 42,132.19

REFUND: 9,178.81

Finance Completed:

7 Dec 72

CLOSED

69-C-0034	University of Utah	Edu	Cost (A)(5)
No	Contractor	Status	Contract Type & Authority
	(21 Nov 68 - 21 Mar 70) (pre-contract fm	N/A)	
SUBJECT: SPSS	Study the Constitutive Relations and Failure Properties of Rocks under High Pressure. FY69 NWER, SB047.05		\$ 37,593.00
	LTJG C. B. McFarland, SPSS		
Mod 1	Addition to existing program. (69NWER SB047).05 Time extension to 26 Jun 70.		\$ 6,961.00
Mod 2	Continuation of study. (FY70 NWER SB 04719) Time extension to 31 Jan 71.		\$ 29,541.00
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$

Sent to FRESEN: \$ 72
To be Destroyed Jul 78

Brought Forward \$

Total \$74,095.00
PAID: 74,095.00

REFUND: - 0 -

Performance Completed:

Dec 71 (7 mar 72)

CLOSED

69-C-0035 IIT Research Institute

CPFF (a)(11)

Nr

Contractor

Status

Contract Type
& Authority(15 Nov 68 - 6 Jan 69) (pre-contract fm 4 Nov 68)
(\$9,000.00)

\$ 24,052.00

SUBJECT: EMP Vulnerability Study Group.

RAEV

(FY 69 NWER, EC 091) Continental Air Defense Command (CONAD)
System Study.

Capt Calvard S. Allen, RAEV

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: May 72
To be Destroyed Jul 77

Brought Forward \$

Total \$ 24,052.00

PAID: 22,475.93

REFUND: \$1,576.07

Performance Completed:

15 Jan 69
23 Apr 71

CLOSED

69-C-0036 Gulf General Atomic, Inc.

LB

DPFF (A)(11)

No

Contractor

Status

Contract Type
& Authority(17 Dec 68 - 28 Feb 70) (pre-contract fm 6 Nov 68)
\$35,000.00

\$ 746,335.00

SUBJECT: Operation MINUTE STEAK Experiments (U)
RAEV (FY69 NWET B3230 69 462 J29FAXTX774)

Maj R. D. Carpenter, RAEV

Mod 1

Additional work
(TX77402 - FY70)
Time extension to 30 Jun 70.

\$ 36,420.00

Mod 2

Novation Agreement.

\$ --

Mod 3

Time extension to 15 May 71.

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to PROEN:
10/1/80Sep 74
Jul 80

\$

Brought Forward

\$

15 May 71

CLOSED

Work Completed:

14 Mar 73

Total PAID: \$782,755.00
776,399.35
REFUND: 6,355.65

69-C-0037	Lockheed Missiles and Space Co.	LB	CPFF (a)(11)
N/	Contractor	Status	Contract Type & Authority
	(16 Dec 68 - 15 Dec 69) (pre-contract fm	NZA)	
SUBJECT: RAAE	Preparation of the Advanced Study Institute, "Aurora and Air-glow, 1968" Proceedings. (FY69 NWER, HE 043)		\$ 10,000.00

LTC J. D. Brown, RAAE

Mod 1	Incorporation of 1969 rates	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: May 72

To be Destroyed Jul 77

Brought Forward	\$
	\$

Total	\$ 10,000.00
PAID:	10,000.00

REFUND: - 0 -

Performance Completed:

11 Feb 71

CLOSED

69-C-0038 Gulf General Atomic Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(16 Dec 68 - 16 Feb 70) (pre-contract fm	N/A)	
SUBJECT:	Atmospheric Transmission of X-Rays.		\$ 138,979.00
RARP	(NY 69 NWER PB 051)		

Capt Gerald I. Kerley, RARP

Mod 1	Time extension to 16 May 70.	\$ ---
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Mod 2	Novation Agreement.	\$ ---
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Mod 3	Time extension to 31 Dec 70.	\$ ---
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN:
To be Destroyed

Aug 71
Jul 72
Nov 72

Brought Forward \$

Total	\$ 138,979.00
Paid	\$ 138,979.00
Refund	\$ -0.00

Performance Completed:

7 Jan 71

CLOSED

69-C-0039 General Electric Co. (Missiles & Space)		CPFF (A)(11)
No	Contractor	Status
	(1 Jan 69 - 31 Mar 70) (pre-contract fm N/A)	Contract Type & Authority
3/12/74 WK 11/2/74 00	SUBJECT: Development of analytical, thermochemical model of HA atmospheric nuclear fireball environment (FY 69 NWER, subtask HD 010)	\$ 34,980.00
	RAAE	
	Dr. C.A. Blank	
Mod 1	Time extension to 31 Dec 70.	\$ ---
Mod 2	Additional funding to cover OH adjustment	\$ 3,555.00
Mod 3		\$
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$
Sent to FRCEN: SEP 1975		\$
To be Destroyed Jul 1981		\$
Brought Forward		\$
Total PAID		\$38,535.00
		38,480.00
REFUND		55.00
Performance Completed:		

Oct 70
CLOSED 31 Jul 74

69-C90040	Nathan M. Newmark	SB	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(4 FEB 69 - 3 Aug 70)	(pre-contract fm N/A)	

SUBJECT: Development of a Transmitting Boundary for Wave Motion Calculations. \$61,440.00
 SPSS (FY69 NWER, SB047)

Maj Lawson P. Masteller, Jr., SPSS

Mod 1 Time extension to 3 Feb 71. \$ ---

Mod 2 Time extension to 31 May 71. \$ ---

Mod 3 Cost growth. \$ 914.00
 72 NWED SB 047 47
 Time extension to 15 Aug 71

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 Sent to FRCEN: Aug 79
 To be Destroyed Jul 79

Brought Forward	\$
Total	\$ 62,354.00
PAID:	61,619.57
Refund:	\$ 734.43

Per ance Completed: 24 May 71

Contract CLOSED:

13 Feb 72



69-C-0041 Information Science, Inc.

FP

No	Contractor	Status	Contract Type & Authority
	(2 Dec 68 - 1 Apr 69) (pre-contract fm N/A)		

SUBJECT: MIGHTY SKY 946 meteorological data processing capability
JTF-8

\$ 8,698.71

LTC T.S. Scanlon

Mod 1 Additional work and time extension to 1 June 69.

\$ 4,010.80

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

\$

Brought Forward

\$

Total \$ 12,709.51

Performance Completed:

REFUND: - 0 -

15 Aug 69

29 May 69

69-C-0042 The Boeing Company

CPFF (a)(11)

No Contractor Status
 (15 Apr 69 - 15 Jun 70) (pre-contract fm 13 Mar 69)
 \$15,000.00

Contract Type
 & Authority

SUBJECT: Damage Failure Mechanisms
 RAEV (FY69 NWER TA 038)

\$ 222,433.00

LTC John J. McGee, Jr., RAEV (Tech Mon- Dr. Oswald, HDL)

Mod 1 Time extension to 31 Dec 70.

\$ ---

Mod 2 Time extension to 30 Nov. 71

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

\$

Brought Forward

\$

Performance Completed:

Nov 71

Total \$ 222,433.00
 PAID 222,433.00

Contract CLOSED:

CLOSED

5 Jun 75

Refund: \$ -0-

69-C-0043	Stanford Research Institute	NP	CPFF (a)(11)
No.	Contractor	Status	Contract Type & Authority
	(16 Dec 68 - 16 Aug 69) (pre-contract fm	N/A)	
SUBJECT:	SECEDE III, HF Aspect Sensitivity Experiment.		\$ 19,700.00
RAAE	(FY69 NWET)		

W.K.
5 Dec 68

Mr. Dow E. Evelyn, RAAE

10 12 Jan 70	Mod 1	Time extension to 10 Jun 70.	\$ ---
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10 15 Jan 70	Mod 2	Incorporation of OH rates for 1969 and 1970	\$ --
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Mod 3	\$
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Mod 4	\$
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Mod 5	\$
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Mod 6	\$
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Mod 7	\$
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Mod 8	\$
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Sent to FRCEN. *8 p 22*
To be Destroyed *Jul 78*

Brought Forward	\$
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Total	\$ 19,700.00
PAID:	19,700.00

REFUND:	- 0 -
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Performance Completed:

10 Aug 70
27 Dec 71

CLOSED

69-C-0044 Gulf General Atomic

LB

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Dec 68 - 31 Dec 69) (pre-contract fm N/A)		
SUBJECT: RAAE	Services to Investigate Electronic and Ionic Reactions in Atmospheric Gases. (FY69 NWER		\$99,564.00

Dr. Blank, RAAE

Mod 1	Execution of laboratory studies involving subject program. (FY70 NWER HD 01024) Time extension to: 31 Oct 70.	\$ 75,000.00
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Mod 2	Novation Agreement.	\$ ---
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Mod 3	Continuation of work. 71 NWER HD 010 01 Time extension to 30 Sep 71.	\$ 50,000.00
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: FEB 1977

To be Destroyed Oct 82

CLOSED : 26 Aug 76

Performance Completed: 19 Oct 71

Brought Forward \$

Total PAID	\$224,564.00
	224,564.00

REFUND -0-

69-C-0045	Thiokol Chemical Corporation	FP	(a)(11)
No	Contractor	Status	Contract Type & Authority
	(4 Dec 68 - 3 May 69) (pre-contract fm N/A)		
SUBJECT:	Fabricate, Ground Test, Deliver, and Provide Launch Services		\$104,440.00
ISx	for 3 Barium Vapor Release Payloads. (Project SECEDE III)		
JTF-8			

LCDR Donald Kear, JTF-8

Mod 1		\$
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
-------	--	----

Sent to FRCEN: Jan 72
To be Destroyed Jul 76

Brought Forward	\$
Total	\$104,440.00

Performance Completed: 15 Aug 69

REFUND: \$ -00-

UNCLASSIFIED

69-C-0046 Gulf General Atomic Inc.

CPFF (a)(11)

No.	Contractor	Status	Contract Type & Authority
	(1 Jan 69 - 30 Nov 69) (pre-contract fm	N/A)	

SUBJECT: To staff and operate the Green Farm Test Site.
SPSS (FY69 NWER SD 002)

\$ 70,000.00

R/B
20 DEC 69

LTC Lewis L. Reign, Jr., SPSS

Mod 1 Time extension to 31 Jan 70.

\$ --

Mod 2 Novation Agreement.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: Aug 74
To be Destroyed Jul 07

Brought Forward \$

Total	\$ 70,000.00
Paid	\$ 70,000.00
Refund	\$ -0.00

Performance Completed:

16 Feb 70

9 Nov 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(16 Dec 68 - 15 Jul 69)	(pre-contract fm N/A)	

SUBJECT: Investigation of SECEDE III Chemical Release Phenomena.
STRA NY 69 NWET K43AAXHX607)

\$ 48,006.00

W. W. Berning, STRA

Mod 1 Reimbursement for - additional effort
(FY70NWET AXHX 607)

\$ 19,301.00

Mod 2 Additional funding to cover OH adjustments.
70 NWET K43AAXHX 607 01

\$ 1,841.72

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed:

Sent to FRCEN: Aug 74
To be Destroyed Jul 79Total
PAID:\$ 69,148.72
69,148.72

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

8 Sep 72

69-C-0048 The Boeing Co.

Contractor

Status

CPFF (a)(1)

Contract Type
& Authority

(10 Feb 69 - 10 Feb 70) (pre-contract fm N/A)

SUBJECT: A program to standardize data on Transient Radiation Effects on
RAEV microelectronics for system design applications.

\$ 79,335.00

Maj R. D. Carpenter, RAEV

Mod 1 Time extension to 23 Feb 71.

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

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Mod 7

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Mod 8

\$

Sent to PROEN: SEP 1975

To be Destroyed Jul 1981

Brought Forward

\$

Total \$79,335.00

PAID 79,335.00

REFUND \$ -0-

once Completed:

CLOSED

23 Feb 71
19 Jun 75

69-C-0049	Gulf General Atomic, Inc.	LB	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(2 Jan 69 - 31 Mar 70)	(pre-contract fm N/A)	

SUBJECT: Effects of High Altitude Nuclear Explosions (FY69 NWER - HC 062) 03 \$ 276,867.00

LTC Fitz, Jr., RAAE

Mod 1 Additional task (FY 70 NWER HC 061 33) \$ 69,896.00
Time extension to 30 Apr 70.

Mod 2 Additional tasks. (70 NWER HC 062 04 \$ 349,990.00
Time extension to 31 Mar 72.

Mod 3 Novation Agreement. \$ ---

Mod 4 Calculate improved low energy x-ray output. \$ 111,676.00
Time extension: 31 Oct 71 HC 062.12

Mod 5 Additional task 72 NWED HC 062 15 \$ 21,869.00
Time extension to 31 Dec 71.

Mod 6 Continuation of work. \$ 99,601.00
72 NWED HC 062 12
Time extension to 30 Sep 72.

Mod 7 Time extension to 9 Apr 73 \$ --

Mod 8 \$

Brought Forward \$

ance Completed:

Total \$ 929,899.00
929,899.00

Contract CLOSED:

Refund: \$ - 0 -

9 April 73

9 NOV 76

Sent to FROEN: Dec 77
To be Destroyed Oct 93

69-C-0050 Gulf General Atomic Inc.

CPFF (a)(11)

No

Contractor

Status

Contract Type

(24 Mar 69 - 20 Apr 70) (pre-contract fm 20 Jan 69)
\$25,000.00

& Authority

SUBJECT:

Radiative Opacity Calculations Under Non-Thermal Equilibrium \$126,000.00

RARP

Conditions.

(FY69 NWER PA 014)

Dr. Robert E. Price, RARP

Mod 1

Novation Agreement.

\$ ---

Mod 2

Time extension to 31 Oct 71.
Change of name to "Gulf Oil Corp."

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN
To be DestroyedAug 74
Jul 79

Brought Forward

\$

\$

v

once Completed:

Oct 71

Total

\$ 126,000.00

Paid

\$124,553.97

Contract CLOSED:

Refund:

\$ 1,021.17

CLOSED

68-C-
0051 - 0076

69-C-0051 Cornell Aeronautical Laboratories

CPFF (a)(11)

Contractor	Status	Contract Type & Authority
(10 Mar 69 - 10 Jun 70) (pre-contract fm	N/A)	
SUBJECT: Continuation of the study of the excited electronic states of molecular Oxygen (Project MOBSOX) (FY69 NWER HD 010)		\$ 44,972.00

Dr. C. A. Blank, RAAE

Mod 1	Time extension to 16 Oct 70.	\$ --
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
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Sent to REPORT
To be destroyed

Sup 74
Jul 80

Brought Forward	\$ 44,972.00
	\$ 44,972.00

Total	\$ -0-
-------	--------

Performance Completed:

16 Oct 70

19 Jul 73

16 OCT 70
19 JUL 73

No	Contractor	Status	Contract Type & Authority
	(2 Jan 69 - 2 Apr 70)	(pre-contract fm N/A)	

SUBJECT: Development of a 2-D variable Eddington Code.
RARP (FY 69 NWER PA 014)

\$ 311,046.00

Dr. Robert E. Price, RARP

Mod 1 Host a DASA Summer Study on Radiation Transport.

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed:

Total

\$ 311,046.00

PAID:

311,046.00

Contract CLOSED:

Refund:

\$ - 0 -

CLOSED

30 Aug 72

Sent to FRCEN: Aug 76
To be Destroyed Jul 79

69-C-0053 Battelle Memorial Institute

CPER (a)(1)

N	Contractor	Status	Contract Type & Authority
	(20 Dec 68 - 19 Mar 70) (pre-contract fm	N/A)	
SUBJECT:	Physical Property Measurements on Rocks and Minerals.		\$ 30,199.00
STSP	(NY69 NWER SB 047)		

LTJG McFarland, SPSS

Mod 1	Time extension to 31 Aug 70.	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FREEN. Sep 72
To be Destroyed Jul 78

Brought Forward \$

Total	\$30,199.00
PAID:	30,199.00

REFUND: - 0 -

Performance Completed:

CLOSED

Dec 70
24 Apr 72

69-C-0054 EG&G (Albuquerque)

CPFF (a)(11)

N°

Contractor

Status

Contract Type

(17 Feb 69 = 16 Feb 70) (pre-contract fm 7 Sep 68)
\$500,000.00

& Authority

SUBJECT: Line-of-Sight Pipe Systems for Project MINUTE STEAK
TC

\$1,088,279.00

CDR Melvin L. Scott, TC

Mod 1

Additional work.

\$127,825.00

(69 NWET J29FAXYX990 01)

Time extension to 31 Mar 70.

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

Brought Forward

\$

\$

Total
PAID\$1,216,104.00
1,199,725.26

REFUND

\$ 16,378.74

Performance Completed:

CLOSED

27 Dec 74

69-C-0055	AVCO Everett Research Lab.	LB	CPFF (a)(11)
N	Contractor	Status	Contract Type & Authority
	(10 Dec 68 - 9 Mar 70) (pre-contract fm N/A)		
SUBJECT: Studies of Artificial Ion Cloud Motion and Structure (U)			\$ 158,321.00

LTC Fitz, STRA

Mod 1 // Change of level of effort.

\$ ---

Mod 2 Time extension to 10 Jun 70.

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Contract closed:

10 June 70

23 Jul 74

Brought Forward

\$

Total PAID

\$158,321.00
158,321.00

REFUND

\$ -0-

Performance Completed:

CLOSED

23 Jul 74

No	Contractor	Status	CPFF (a)(11) Contract Type & Authority
69-C-0056	ESL, Inc.	(21 Jan 69 - 21 Feb 70) (pre-contract fm N/A)	

SUBJECT: Update the existing satellite and troposcatter codes and improvement of an ionospheric scatter communications code. **\$ 74,525.00**
RAAE (FY68 NWER HB 052) 20

Mr. Dow E. Evelyn, RAAE

Mod 1 Continuation of updating, modelling etc. **\$ 74,653.00**
 70 NWER HB 052 01
 Time extension to 12 Aug 71.

Mod 2 Continuation of work **\$ 60,997.00**
 71 NWER HB 052 01
 Time extension to 12 Jun 72

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

P mance Completed: 30 May 72 **Total PAID \$ 210,175.00**
209,991.72

Contract CLOSED: **CLOSED** 17 July 74 **Refund: \$ 183.28**

69-C-0057 Isotopes
 No Contractor LB Status CPFF (4)(11)
 (15 Jan 69 - 30 Sep 69) (pre-contract fm 28 Oct 68) Contract Type
 \$85,000.00 & Authority
 SUBJECT: Fission product research. \$ 249,887.00
 ARPA
 1368

Dr. Ruby, ARPA

Mod 1 continuation of work. \$ 59,817.00
 (ARPA Order No. 1368)

Mod 2 Study of Radionuclide Transport Mechanisms in the \$ 78,658.00
 Vicinity of the LONG SHOT Site (U)
 Arpa No. 1368, Amend #3, Program Code 62701D
 Time extension to 31 Dec 69.

Mod 3 Additional research \$ 599,210.00
 (ARPA Order #1368, AMend #4)
 Time extension to 30 Sep 70

Mod 4 Additional funds to analyze calibration samples \$ 33,035.00
 ARPA #1368, Amend #5

Mod 5 Additional research \$ 849,924.00
 ARPA #1368, Amend #6, Program Code 1F10
 Time extension to 30 Sep 71

Mod 6 Incorporation of AEC/NVOO Sponsored work, \$ 36,271.00
 AEC Order No. NV 71-10
 Time extension to 28 Feb 72

Mod 7 Additional research \$ 1,168,781.00
 ARPA 1368 Amend 8
 Time extension to 30 Sep 72.

Mod 8 AEC work - ~~extension~~ \$ 6,089.00
 AEC Order No. NV 71-10 (C-1)

Brought Forward \$

Total \$

Refund: \$

Finance Completed:

NOV 1979

Contract CLOSED:

Dec 85

cont'd

LOG OF CONTRACTUAL ACTIONS

69-C-0057 Isotopes

Contractor

Status

Contract Type
& Authority

(

) (pre-contract in

)

SUBJECT:

\$

9
Mod 1 Additional research \$ 651,534.00
ARPA 1368, Amend #13
73 M32EABBX871-02
Time extension to 30 Sep 73.

10
Mod 2 Additional work \$256,623.00
ARPA Order #1368, Amend #14
74 RMSS M99QAXYX912 05
Time Extension to 30 SEP 74

11
Mod 3 Adjust Overhead Rates \$ 34,405.00
Time extension to 15 Jun 75
ARPA Order 1368/18

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Performance Completed: Jun 75 Total \$ 4,024,234.00
Contract CLOSED: 16 JAN 78 PAID: \$ 4,024,234.00

Sent to WNRC

To be destroyed:

Refund: \$ - 0 -

69-C-0058	Los Alamos Nuclear Corporation	SB	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(1 Feb 69 - 31 Mar 70)	(pre-contract fm 1 Nov 68) \$800.00	
SUBJECT:	Studies in Nuclear Weapon Effects.		\$ 65,096.00
RAAE	(FY69 NWER HC 040)		
	LTC H. C. Fitz, Jr., RAAE		
Mod 1	Additional studies. (FY70 NWER HC 040 11) Time extension to 30 Apr 71.		\$ 65,988.00
Mod 2	Additional work. 70 NWER HC 040 14		\$ 32,175.00
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	Sent to FRCEN? To be Destroyed	Aug 24 Jul 79	\$
		Brought Forward	\$
Performance Completed:	31 Mar 71	Total	\$ 163,259.00
		PAID:	161,526.78
Contract CLOSED:	8 Sep 72	Refund:	\$ 1,732.22
	CLOSED		

CLOSED

C-0059 Gulf General Atomic, Inc.

CPFF (a)(11)

Contractor

Status

Contract Type
& Authority

(6 Feb 69 - 31 Mar 70) (pre-contract fm N/A)

SUBJECT: Experimental Study of Gamma Rays emitted from Isomeric
RARP Fission Products.
(FY69 NWER PA 010) a1

\$ 129,873.00

Dr. Robert E. Price, RARP

Mod 1 Change appropriation to correct error.

\$ --

Mod 2 Continuation of effort
70 NWER PA 010 01
Time extension to 1 Jun 71.

\$ 99,987.00

Mod 3 Novation Agreement.

\$ ---

Mod 4 To put results of contract in a usable format
72 NWED PA 010 10
Time extension to 31 May 1972.

\$ 15,000.00

Mod 5 Time extension to 4 Oct 72.

\$ --

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 82

Brought Forward

\$

\$

Performance Completed: 4 Oct 72

Total \$244,860.00

PAID 244,860.00

Contract CLOSED: 30 Sep 76

Refund: \$ -0-

69-C-0060

Lockheed Missiles & Space Co.

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority(26 Dec 68 - 31 Jul 70) (pre-contract fm 16 Dec 68)
\$50,000.00SUBJECT: MINT LEAF experimental system.
TC

\$ 2,000,000.00

Maj Joseph P. Goncz, TC

Mod 1

Add the incremental funding.

\$ 627,843.00

Mod 2

Change to Scope of Work. Additional work and
time extension to 30 Nov 70.

\$ 610,294.00

Mod 3

Change in scope of work

\$ 313,411.00

70 NWET J321AXYX988 01

Time Extension to 31 Mar 71

Mod 4

Incorporation of OH rates for 1968 ~~XXXXXXXXXX~~

\$ --

Mod 5

Additional funds to cover judgement against LMSC -(subcontractor) \$ 118,532.00
70 J321AXYX988 01

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Total
PAID\$ 3,670,080.0
3,663,296.3

REFUND

\$ 6,783.7

Performance Completed:

23 Nov 70
CLOSED

23 Jul 74

69-C-0061 Isotopes, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(20 Jan 69 - 31 Dec 69)	(pre-contract fm N/A)	

AP 3720-5
 SUBJECT: Determining Leakage from the Dinar Coin event by use of
 STSP a gaseous radioactive tracer (U) MIRACLE PLAY
 TC ARPA Order No. 1262.
 ARPA

\$ 31,565.00

Lt James A. Haugen. ~~SESx~~ TC

Mod 1 Additional work and services.

\$17,058.00

Time extension to 1 Dec 70.

Mod 2 Cancel DINAR COIN event of Project MIRACLE PLAY.
 Reduce time to 15 Nov 70.

\$ 26,948.00 (decrea

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward	\$21,675.00
	\$21,675.00

Total \$ -0-

Pr ance Completed: 10 Nov 70

Contract CLOSED: 25MAY77

Sent to IN. 34: Dec 77
 To be Destroyed Oct 83

Refund: \$ -0-

69-C-0062 AVCO Everett Research Laboratory

CPEE (a)(11)

Contractor

Status

Contract Type
& Authority

(3 Mar 69 - 31 Dec 69) (pre-contract fm N/A)

SUBJECT: Metal Oxide Formation rates and infrared Emission: The
RAAE Iron System.
(FY69 NWER HC 061)

\$ 49,916.00

LTC H. C. Fitz, Jr. RAAE

Mod 1

\$

Mod 2

\$

Mod 3

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Mod 4

\$

Mod 5

\$

Mod 6

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Mod 7

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Mod 8

\$

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

Brought Forward

\$

\$

Performance Completed:

4 Mar 70

Total \$ 49,916.00
PAID 49,424.56

Contract CLOSED:

CLOSED 11 Oct 74

Refund: \$ 491.44

69-C-0063 General Research Corporation

LB

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(23 Jan 69- 22 April 70).	(pre-contract fm N/A)	

SUBJECT: Technical Assistance to Strategic Planners (U)
DDST (FY69 NWER DB001 1E3000)

\$ 285,888.00

Mr. Peter H. Haas, DDST

Mod 1 Continuation of technical assistance to strategic planners. \$ 232,707.00
(FY 70 NWER DB 001 05)
Time extension to 30 Jun 71.

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Performance Completed:

Total \$ 518,595.00
PAID 518,254.97

Contract CLOSED:

Refund: \$ 3,340.03

CLOSED

10 Oct 72

6 July 71

Sep 74
Jul 70

No	Contractor	Status	Contract Type & Authority
	(15 Apr 69 - 15 Apr 70)	(pre-contract in N/A)	

SUBJECT: DASA Project 6.9 Island Radar Study
RAAE 609.

\$ 240,000.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Additional Task -
Time extension to 15 Oct 70.

\$ --

Mod 2 Additional tech effort, 609 radar development
Time extension 30 Jun 71.
70NWET K43AA H 609 02

\$ 633,800.00

Mod 3 609 Radar Development Program--Transmitter and Array Mount &
Digital Clutter Mapping System
71 NWET K43 AAX HX 609 03
Time extension to 30 June 72

\$ 517,100.00

Mod 4 Additional funds to complete the work.
70 NWET K43AAXHX609 03
Time extension to 31 Jul 72.

\$ 90,000.00

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Performance Completed: 31 Oct 72

Total \$ 1,480,900.00

PIAD 1,480,900.00

Contract CLOSED:

CLOSED 30 Jun 75

Refund: \$ -0-

69-C-0065 Physics International Co.

CPFF (a)(L1)

Contractor Status
 (23 Jan 69 - 22 Apr 70) (pre-contract fm N/A)

Contract Type
 & Authority

SUBJECT: High Density Experiments.

\$ 99,321.00

8R
 1Lt Allen A. Weston, SPAS

90 Mod 1 Additional funds to cover adjustment in overhead and \$ 1,000.00
 for printing and distributing final report.
 71 FY AC 321 02

85 Mod 2 Additional funds to cover Overhead Rate Adjustment \$ 958.00
 FY69 NWER AC 32102

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

Brought Forward \$

Performance Completed:

Total \$ 101,279.00
 PAID 101,279.00

Contract CLOSED:

Refund: \$ -0-

15 NOV 70
CLOSED

31 Jul 74

69-C 0066 Lockheed Missiles & Space Co.

CPFF (a)(11)

Contractor

Status

Contract Type
& Authority

(20 Feb 69 - 20 May 70) (pre-contract fm N/A)

SUBJECT: Vulnerability Study.
SPAS (Follow up Cont-68-C-0004)
(FY69 NWER AC320)

\$164,630.00

LTC Austin Lowrey III, SPAS

Mod 1 Change wording in scope of work-
Change am't to be withheld on fixed fee.

\$ --

Mod 2 Time extension to 1 Nov 71.
Incorporation of OH rates for 1969 & 70
Update OH Clause.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN:
To be Destroyed

Aug 74
Jul 79

\$

Brought Forward

\$

Performance Completed:

1 Nov 71

Contract CLOSED: NOV 10 1972

CLOSED

Total \$ 164,630.00

Paid \$ 163,674.85

Refund: \$ 955.15

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Nuclear test observations
RAAE (FY69 NWER HB 049)

\$ 20,017.00

Dr. Ca A. Blank, RAAE

Mod 1 Incorporation of OH rates for 1969. & 70

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to *sep 72*
To be Destroyed *Jul 78*

Brought Forward

\$

Performance Completed:

Total \$ 20,017.00

PAID: 19,837.85

Contract CLOSED:

Refund: \$ 179.15

25 Jan 72

CLOSED

69-C-0068 General Electric (Phila. Penn.)

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(10 Mar 69 - 9 May 70)	(pre-contract fm N/A)	

308 RAR 69
 SUBJECT: Theoretical Studies of Early Time Nuclear Burst Phenomena.
 RARP (FY69 NWER PA 014)

\$ 69,226.00

Dr. Robert E. Price, RARP

1D 21 May 70
 Mod 1 time extension to 1 Jun 71.
 Change level of effort.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975
 To be Destroyed *Jul 1981*

Brought Forward

\$

Performance Completed:

Total \$ 69,226.00

PAID 68,043.79

Contract CLOSED:

Refund: \$ 1,182.21

CLOSED*15 MAY 75*

LFE Corp., Trapelo Division
(formerly)
Tracerlab

89-C-0069

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(3 Mar 69 - 31 May 70)	(pre-contract fm N/A)	

SUBJECT: Proposal to Prepare Nuclear Data for Computer Usage. \$ 80,751.00
RAAE (FY69 NWER, HB 049)

W/K
28 Jun 69

CDR R. M. Wagner, RARP

Mod 1 Change of name and time extension to 15 Aug 70. \$ ----
13
12 Jan 70

Mod 2 Novation Agreement \$ ---
11
17 Mar 70

Mod 3 Time extension to 30 Apr 70. \$ ---

Mod 4 Additional funds to cover OH adjustments \$ 626.75
NWER HB049 03

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$
See ENR: Sup 74
To L. Boyed Jul 80

Brought Forward \$ 81,377.75

Total \$ 81,377.75

Performance Completed: 29 Apr 71

Contract CLOSED: 18 Jul 73

Refund: \$ -0-

69-C-0070 Columbia Scientific Research Institute

Cost (a)(11)

No

Contractor

Status

Contract Type
& Authority

(1 Feb 69 - 31 Oct 70) (pre-contract fm N/A)

SUBJECT: Development of a DASA Handbook on Neutron Inelastic Scattering \$ 42,128.00
 RARP (FY69 NWER PC 102)

45
10 Feb 69
Capt Richard W. Enz, RARP

45
20 Feb 70
Mod 1 Time extension to 1 May 71
Novation Agreement

\$

--

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 72

Brought Forward

\$

\$

Total \$ 42,128.00

PAID 42,128.00

Refund: \$ -0-

Performance Completed: 1 May 71

Contract CLOSED:

CLOSED

26 apr 76

No	Contractor	Status	Contract Type & Authority
	(17 Feb 69 - 16 May 70)	(pre-contract fm N/A)	

SUBJECT: Equation of State of Earth Media
 SPSP (SPSS) (SB 047)

\$ 99,115.00

Lt CB McFarland, SPSS

Mod 1 Additional work.
 (FY69 NWER SB047)

\$ 50,000.00

Mod 2 Additional research
 (FY70 NWER SB 047 07)
 Time extension to 31 May 71.

\$ 75,008.00

Mod 3 Time extension to 7 Sep 71.

\$ ---

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed:

7 Sep 71

Total
PAID\$ 224,123.00
224,123.00

Contract CLOSED:

10 Apr 74

Refund:

\$

-0-

No	Contractor	Status	Contract Type & Authority
	(12 Feb 69 - 11 Sep 69)	(pre-contract fm)	

SUBJECT: Experimental Investigation of the Flow of High-Density Iron \$40,286.00
 DDST Plasmas in Pipes. (use of Green Farms)

45
 Dr. Haddad, DDST

Mod 1	Time extension to 31 Mar 70.	\$	--
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Mod 2	Novation Agreement.	\$	---
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Mod 3		\$	
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8		\$	
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Sent to FRCEN? Aug 74
 To be Destroyed Jul 79

Brought Forward	\$
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Performance Completed:

Contract CLOSED: NOV 10 1972

Total	\$ 40,286.00
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Paid	\$ 40,286.00
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Refund:	\$ -0.00
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14 July 70
CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 30 Apr 70)	(pre-contract fm N/A)	

SUBJECT: A Study to update the State-of-the-Art and level of understanding of geological materials behavior.

\$ 60,800.00

Lt C. B. McFarland, STSP

Mod 1 Time extension to 1 Nov 71.

\$ --

Incorporation of OH rates for 1969 and 1970.

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEN: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

Performance Completed: 27 Oct 71

Total \$ 60,800.00

PAID: 60,800.00

Contract CLOSED:

Refund: \$ - 0 -

14 Apr 72

CLOSED

69-C-0074	The Dikewood Corporation	TIME & MATERIAL	(a)(11)
Nc	Contractor	Status	Contract Type
	(27 Jan 69 - 27 Dec 69)	(pre-contract fm N/A)	& Authority

SUBJECT: Perform a Study of the Feasibility and Applicability of the \$ 19,861.00
 JTF-2 Terrain Contour Matching (TERCOM) Techniques

Col Favours, ODDR&E

Mod 1 Technical services in connection with Terrain Contour \$ 7,339.00
 Matching (TERCOM) aircraft positioning system.
 Time extension to 30 Jun 70.

Mod 2 Additional work \$ 5,700.00
 Time extension to 15 Aug 70.

Mod 3 Additional work \$ 8,439.00
 Time extension to 15 Nov 70.

Mod 4 Additional work \$ 2,988.00
 Time extension to 31 Dec 70.

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN:
 14 Mar 73

*Sept 74
 Jul 80*

Brought Forward \$

Performance Completed:

Contract CLOSED:

Total \$43,727.00

PAID: 43,727.00

Refund: \$ - 0 -

CLOSED

69-C-0075	Nathan M. Newmark	SB	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(4 Feb 69 - 3 Apr 70)	(pre-contract fm N/A)	
SUBJECT: Special Structural Studies			\$ 39,001.00
STSP SC061.03			
CDR Macdonald, STSP			
Mod 1	Continuation of effort. (FY70 NWER SC061 03) Time extension to 3 Feb 71.		\$ 49,992.00
Mod 2	Continuation of work 71 NWER SC 061 03 Time extension to 31 Jul 72		\$ 49,591.00
Mod 3	Redesign of the ALPHA ONE. structure 72 NWED SC 061 03 Time extension to 30 April 1973		\$ 40,884.00
Mod 4	Time extension to 31 Mar 74		\$ --
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$
Sent to FRCEN: FER 1977			
To be Destroyed Oct 82			
Brought Forward			\$
Total			\$ 179,468.00
PAID			179,436.47
Refund:			\$ 31.53
Performance Completed: Mar 74			
Contract CLOSED: CLOSED 18 Feb 76			

69-C-
0076 - 0100

69-C-0076 GCA Corp.

CPFF (a)(11)

Contractor

Status

Contract Type
& Authority

(1 Feb 69 - 30 Apr 70) (pre-contract fm N/A)

SUBJECT: Integrated Analysis of Long Term Debris Analysis.
(FY69 NWER, HC 061)

\$ 90,934.00

LTC Andrew M. Simko, RAAE

Mod 1 Time extension to 27 Jul 71.

\$ --

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

Brought Forward

\$

Performance Completed:

Total
PAID\$ 90,934.00
90,934.00

Contract CLOSED:

CLOSED11 Nov 71
~~27 Jul 71~~
10 Apr 75

Refund:

\$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 15 Aug 70)	(pre-contract fm N/A)	

SUBJECT: Research in fallout distribution and further development of the Defense Land Fallout Interpretative Code (DELFIIC). \$95,539.00

CDR Robert M. Wagner, RARP

Mod 1	N Time extension to 31 Jan 71.	\$	----
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Mod 2		\$	
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Mod 3		\$	
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981	\$	
-------	---	----	--

Brought Forward

Performance Completed:

Total PAID	\$ 95,539.00
	95,539.00

Contract CLOSED:

Refund: \$ -0-

CLOSED 17 Jul 71
11 Oct 74

No	Contractor	Status	Contract Type & Authority
	(21 Mar 69 - 28 Feb 70)	(pre-contract <i>fm 2 Jan 69</i>) \$66,700.00	

SUBJECT: Capability of the VERA System of Radiative Transfer Codes (U) \$ 174,360.00
 RARP (69NWER PA014 PE 3240)

Dr. Robert E. Price, RARP

Mod 1	Original statement of work should be re-negotiated, now that funds are available. (FY69 NWER PA014)	\$ 48,490.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
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Mod 8		\$
-------	--	----

	Brought Forward	\$
Force Completed:	Total	\$ 222,850.00
	PAID:	222,826.00
Contract CLOSED:	Refund:	\$ 24.00

Jul 74 Sent to FRCEN: *Aug 74*
To be Destroyed Jul 77

23 Aug 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(10 Mar 69 - 10 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Study of Debris Multiburst Interaction ~~xxxxxxxxxx~~
 RAAE ~~xxxx~~ (FY69 NWER HC 061)

\$ 47,546.00

LTC Andrew M. Simko, RAAE

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRGEN: May 72
 To be Destroyed Jul 77

Performance Completed:

Contract CLOSED:

Brought Forward

Total \$ 47,546.00

PAID: 47,546.00

Refund: \$ - 0 -

24 Jan 71

CLOSED

69-C-0080 EG&G (Albuquerque, N. M.)

CPTF (a)(11)

No

Contractor

Status

Contract Type

(24 Feb 69 - 30 Sep 69) (pre-contract fm N/A)

& Authority

SUBJECT: Theoretical Studies for a Horizontally polarized EMP Simulator \$ 9,900.00
RAEVW/K
145669
3.25.69
PL
2.22.70
Capt C. S. Allen. RAEV

Mod 1 Time extension to 1 Apr 70.

\$ ----

Mod 2 Time extension to 26 May70.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

CPTF TO FREED: Sep 70

Closed Jul 80

Brought Forward

\$

\$

Fe nce Completed:

26 May 70

Total
PAID

\$ 9,900.00

\$ 9,900.00

Contract CLOSED:

CLOSED

14 Sep 73

Refund:

\$

-0-

No	Contractor	Status	Contract Type & Authority
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(22 Feb 69 - 31 Dec 69) (pre-contract fm 1 Jan 69)

SUBJECT: M. V. Acania maintenance and standby
RAAE

\$ 39,786.00

Mr. Dow Evelyn, RAAE

Mod 1	Continuation of work. (FY70 NWER - ARPA # 1533, Amend #1, Program Code OF10) Time extension to 30 Nov 70.	\$ 209,109.00
-------	---	---------------

Mod 2	Time extension to 24 Apr 71. Incorporation of OH rates for 1969 and 1970	\$ --
-------	---	-------

Mod 3		\$
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Mod 4		\$
-------	--	----

Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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RECEIVED
Approved
Jul 70

Total	\$ 248,875.00
Brought Forward	\$ 244,351.66
Total	\$ 4,523.34

Finance Completed:

31 Mar 71

Contract CLOSED:

20 Jul 73

Refund: \$

69-C-0082 Kaman Sciences Corp.

CFFP (a)(11)

Contractor

Status

Contract Type
& Authority

(1 Apr 69 - 30 Sep 69) (pre-contract fm N/A)

SUBJECT: Produce a Sourcebook for Thermal Radiation from Nuclear
STSP(SPLN) Detonations
69 NWER NA 008 05

\$ 49,796.00

Maj Donald C. Little, Jr., SPLN

Mod 1 Additional tasks
70 NWER NA 008 01
Time extension to 31 Dec 70

\$ 89,850.00

Mod 2 Additional tasks
71 NWED NA 008 07
Time extension to 30 Apr 72

\$ 99,500.00

Mod 3 Additional task
72 NWED NA 008 12

\$ 42,000.00

Mod 4 Time extension to 31 Oct 72.
Incorporation of advance agreement covering computer
services.

\$

Mod 5 Clarification of Advance Agreement for computer services.

\$

--

Mod 6

\$

Mod 7

\$

Mod 8

\$

Performance Completed:

26 Jul 74

Contract CLOSED:

23 MARCH 77

Total \$ 281,146.00

PAID: \$ 279,796.39

Refund: \$ 1,349.61

sent to PACON: Dec 77
To be destroyed Oct 83

69-C-0083 Gulf General Atomic Inc.

CPFF (a)(11)

No.	Contractor	Status	Contract Type & Authority
	(5 Mar 69 - 4 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Neutron Section Data Measurements for Radiation
RARP Transport Calculations PC025.01

\$ 224,332.00

Capt Richard W. Enz, RARP

Mod 1	Add to the statement of work (FY70 NWER PC025 01) Time extension to 15 Mar 71	\$ 71,870.00
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Mod 2	Novation Agreement.	\$ ---
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Mod 3	Additional funds for cost of obtaining LINAC support. 71 NWER PC 025 01 Time extension to 31 Jul 71	\$ 29,823.00
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Mod 4	Time extension to 31 Jan 72.	\$ --
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: FEB 1977

To be Destroyed Oct 82

Brought Forward

\$

Performance Completed: 24 Jan. 72

Total	\$ 326,025.00
PAID	325,817.00

Contract CLOSED: 30 SEP 76

Refund: \$ 208.00

69-C-0084 Mathematical Applications Group, Inc.

CPFF (a)(11)

No

Contractor

Status

Contract Type

(17 Feb 69 - 17 Jan 70) (pre-contract fm N/A)

& Authority

SUBJECT: Develop semi-automatic procedure for establishing importance
 RARP function to be used in Monte Carlo calculations.

\$ 63,191.00

R/R
 17
 16 Feb 69
 Capt G. I. Kerley, RARP

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

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Mod 7

\$

Mod 8

\$

Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

Brought Forward

\$

Performance Completed:

Total

\$ 63,191.00

PAID

63,191.00

Contract CLOSED:

Refund:

\$ -0-

15 Jan 70
CLOSED

11 Feb 75

69-C-0085 General Electric Co. (Phila. Penn)

CPFF (a)(11)

No - Contractor

Status

Contract Type
& Authority

(1 May 69 - 30 Apr 70) (pre-contract fm N/A)

\$ 69,986.00

SUBJECT: Metal Oxide Studies.
RAAE

LTC H. C. Fitz, Jr. RAAE

Mod 1 Time extension to 31 Dec 70.

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to OPEN: Sep 74
closed Jul 80

Brought Forward

\$

Performance Completed:

Total \$ 69,986.00
PAID 69,986.00

Contract CLOSED:

Refund: \$ -0-

CLOSED

John H
Apr 74

69-C-0086

International Business Machines Corp.

FP (a)(10)

No	Contractor	Status	Contract Type & Authority
	(23 Jun 69 - 15 Jul 70)	(pre-contract fm N/A)	

SUBJECT: Automatic Data Processing Production Control and Management \$ 96,978.00
COMP-1 Information System ADP PCS/MIS

4.5.69
12.8.70
Mr. Leroy Smith. ECCT7

Mod 1	\$
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Mod 2	\$
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Mod 3	\$
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Mod 4	\$
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Mod 5	\$
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Mod 6	\$
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Mod 7	\$
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Mod 8	\$
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Sent to EROEN: May 72

To be Destroyed Jul 77

Brought Forward

\$

Performance Completed:

Total \$ 96,978.00

PAID: 96,978.00

Contract CLOSED:

Refund: \$ - 0 -

11 Jun 71

CLOSED

KMS Industries, Inc.

69-C-0087 (formerly)
Heliodyne Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(24 Feb 69 - 23 Nov 69)	(pre-contract fm N/A)	

SUBJECT: Laser Heating of Deuterium (U).
SPAS (69NWER AC321/AC3420)

\$ 49,318.00

LTC Austin Lowrey III, SPAS

Mod 1 Novation agreement.

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FROEN: May 72
To be Destroyed Jul 77

Brought Forward

\$

\$

Total \$ 49,318.00

PAID: 47,178.70

Refund: \$ 2,139.30

Performance Completed:

Contract CLOSED:

Oct 69

4 Feb 71

CLOSED

89-C-0088 Stanford Research Institute

FACILITIES

No	Contractor	Status	Contract Type & Authority
	(18 Feb 69 - 14 Feb 72)	(pre-contract fm)	
SUBJECT: Follow-on Contract DA-49-146-XZ-312 (facilities)			\$ --
Mod 1			\$
Mod 2			\$
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8			\$
Brought Forward			\$
Total			\$
Refund:			\$

Spent to OPEN: Sep 74
 moved Jul 80

Performance Completed: 14 Feb 72

Contract CLOSED: 14 Feb 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(3 Feb 69 - 2 Apr 70)	(pre-contract fm N/A)	

SUBJECT: DIESEL TRAIN Stemming and Containment Diagnostics.
TC

\$ 300,607.00

Maj David L. Miller, TC

Mod 1	Provide documentation of performance of shock isolation system and pipe shock decoupler. Time extension to 31 May 70.	\$ 15,486.00
-------	---	--------------

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREEM: Aug 74
To be destroyed Jul 79

Brought Forward

\$

Contract Completed:

Total \$ 316,093.00

PAID: 311,957.49

Contract CLOSED:

Refund: \$ 4,135.51

25 Sep 72

CLOSED

69-C-0090 Lovelace Foundation.

Cost (a)(5)

No

Contractor

Status

Contract Type

(20 Feb 69 - 15 Apr 69) (pre-contract fm 1 Jan 69)

& Authority

\$8,000.00

SUBJECT: Update and rewrite the Blast Section and prepare a new section
STMD on Combined Injury for Chapter 10, "Personnel Casualties" \$ 12,400.00
of the new edition of DASA EM-1.

LCDR William H. Kolb, STMD

Mod 1 Time extension to 31 Jan 70.

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCENT
To be Destroyed

Aug 74
Jul 79

\$

Brought Forward

\$

\$

Performance Completed:

10 Feb 70

Total \$12,400.00

PAID: 11,983.72

Contract CLOSED:

Refund: \$ 416.28

23 Aug 72

CLOSED

69-C-0091 Ion Physics Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(18 Mar 69 - 31 May 70)	(pre-contract fm N/A)	

SUBJECT: Low Impedance Simulator Studies
RAEV (LB 065)

\$ 420,143.00

LT Jonathan M. Wachtel, RAEV

Mod 1 Time extension 30 Apr 72.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRESEN:
revised4/27/74
Jul 80

Brought Forward

\$

\$

Range Completed:

apr 72

Total Paid \$ 420,143.00
420,143.00

Contract CLOSED:

25 Jul 73

Refund: \$ -0-

69-C-0092 Varian Associates

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 31 May 70)	(pre-contract fm N/A)	

SUBJECT: Megavolt-megaamp Gun Study
RAEV (FY69 NWER LA 013), 01

\$147,100.00

Lt Johathan M. Wachtel, RAEV

Mod 1 Time extension to 31 Jul 70.

\$ ---

Mod 2 Time extension to 31 Jan 72.

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 82

Brought Forward

\$

\$

Performance Completed:

Jan 72

Total	\$ 147,100.00
PAID	<u>147,100.00</u>

Contract CLOSED:

CLOSED 15 Aug 75

Refund: \$ -0-

69-C-0093	LTV Electronics Systems, Garland Division	CPFF (a)(11)
No	Contractor	Status
	(1 Mar 69 - 10 Jan 70)	(pre-contract fm N/A;)
		Contract Type & Authority

SUBJECT:
DDR & E

\$ 482,987.00

Col Marcus Favors, DDR&E

Mod 1	redirection of TERCOM Aircraft Positioning Systems (TAPS) Demonstration Program. Time extension to 15 Jul 70	\$ 199,500.00
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Mod 2	Additional funds Time extension to 26 Jul 70.	\$ 24,747.00
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Brought Forward	\$ 707,244.00
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Total	\$ 707,244.00
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Performance Completed:

Contract CLOSED: 31MAY77

Sent to FREEM: Dec 77
To be Deleted Oct 78

Refund: \$ -0-

69-C-0094 IBM

FP

No	Contractor	Status	Contract Type & Authority
	(10 Mar 69 - 7 Nov 69)	(pre-contract fm)	

SUBJECT: Multiple computer/communications system at Sandia Base

\$ 197,553.00

Mod 1	Additional funds to cover transportation cost related to shipment of computers and equipment.	\$ 1,527,723.92
-------	---	-----------------

Additional work (more equipment and - and removal of some)
Put in \$5,000 for bills of lading

Mod 2	Delete Par 13 of ART 11, Par 3 ART III, ITEM K (Government Bills of Lading) (\$5 000)	\$
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Mod 3		\$
-------	--	----

Mod 4		\$
-------	--	----

Mod 5		\$
-------	--	----

Mod 6		\$
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Mod 7		\$
-------	--	----

Mod 8		\$
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Sent to FRCEN: Aug 74
To be Destroyed Jul 77

Brought Forward	\$
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Performance Completed:

Total \$ 1,725,276.92

PAID: 1,725,276.92

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

69-C-0695 IIT Research Institute

CPFF (a)(11)

N

Contractor

Status

Contract Type
& Authority

(12 May 69 - 12 Nov 69) (pre-contract fm N/A)

SUBJECT: EMP Course (Management) Preparation and Presentation.
RAEV (FY69 NWER EC092) .01

\$ 58,414.00

Capt C. S. Allen, RAEV

Mod 1

PHASE II - (FY70 NWER EC092 01)

\$ 145,150.00

Time extension to 1 Dec 70.

Mod 2

EMP Course Presentation

\$ 89,678.00

71 NWED EC 092 01

Time extension to 1 Dec 71

Mod 3

PHASE IV -

\$ 20,013.00

NWED (71) EC 092 01

Mod 4

EMP Course - PHASE V

\$ 106,670.00

72 NWED EC 092 03

Time extension to 31 Dec 72.

Mod 5

Time extension to 30 Sep 73

\$ --

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
To be Destroyed Jul 1981

\$

\$

Performance Completed:

20 Sep 73

Total \$ 419,925.00
PAID 419,904.11

Contract CLOSED:

CLOSED

28 Jan 75

Refund: \$ 20.89

69-C-0096 Kaman Nuclear

CPFF (a)(11)

Contractor Status
 (7 Apr 69 - 6 Oct 69) (pre-contract fm 4 Nov 68)
 \$20,000.00

Contract Type
& Authority

SUBJECT: X-Ray Attenuation Cross Section Handbook (U)
 SPAS 69NWER AA 109-g

\$ 48,801.00

LTC Austin Lowrey III, SPAS

Mod 1 Time extension to 30 Apr 70.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to ERSEN: Sep 72
 To be Destroyed Jul 78

Brought Forward

\$

\$

Performance Completed:

Apr 70

Contract CLOSED:

16 Mar 72

CLOSED

Total \$ 48,801.00

PAID: 48,801.00

Refund: \$ - 0 -

69-C-0087 IIT Research Institute

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(6 Mar 69 - 31 Oct 69)	(pre-contract fm 28 Feb 69)	
		\$4,800.00	

SUBJECT: Measurement of Airborne Debris Characteristics.
SPSS (69 NWER SA001)

\$50,690.00

Capt R. A. J. Frusti, SPSS

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRCEN: May 72

To be Destroyed Jul 77

Brought Forward

\$

\$

Performance Completed:

Total \$ 50,690.00

PAID: 50,690.00

Contract CLOSED:

Refund: \$ - 0 -

11 Mar 71

CLOSED

69-C-0098 EG&G Corporation (Boston)		FACILITIES
No	Contractor	Status
	(3 Mar 69 - 3 Mar 72)	(pre-contract fm)
		Contract Type & Authority
SUBJECT: Facilities contract for DASA property. Follow-on to Contract DA-49-146-XZ-410)		\$ ----

Mod 1	Update Schedule A and General Provisions.	\$ ---
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Mod 2		\$
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Mod 3		\$
-------	--	----

Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981	\$
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Brought Forward	\$
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Total	\$
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Performance Completed:

Contract CLOSED:

CLOSED

8 Oct 74

Refund: \$

69-C-0099 General Electric Company, (Phila, Penn)

FP

CONF (a)(11)

No Contractor Status
 (7 Apr 69 o- 6 ^{Dec} Sep 69) (pre-contract fm N/A)

Contract Type
& Authority

SUBJECT: Instrumentation Study
 SPAS (69NWET/TID J11a AX AX 502)

\$11,000.00

13 Mar 69
 Maj Shover (SPAS)

Mod 1

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FROEN: May 72
 To be Destroyed Jul 77

Brought Forward

\$

\$

Performance Completed:

Sep 69

Total \$ 11,000.00

PAID: 11,000.00

Contract CLOSED:

8 Dec 70

CLOSED

Refund: \$ - 0 -

69-C-100 General Electric Co.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(2 Jun 69 - 1 ^{April} 70)	(pre-contract fm N/A)	

SUBJECT: A probabilistic evaluation of offensive threat lethality (U)
 SPAS (FY69 NWER AB 231e)

\$ 71,143.00

Mr. M. Rubenstein, SPAS

Mod 1 Time extension to 30 Sep 70.
 Change level of effort

\$

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

Brought Forward

\$

\$

Performance Completed:

20 Jul 70

Total

\$ 71,143.00

PAID

71,143.00

Contract CLOSED:

CLOSED 11 Oct 74

Refund:

\$ -0-

69-C-0101	Aeronautical Research Associates of Princeton, Inc.	CPTF (a)(11)
No	Contractor	Status
	(15 Apr 69- 14 Feb 70)	(pre-contract fm N/A)
		Contract Type & Authority

SUBJECT: Reentry Vulnerability Studies (U)	\$56,502.00
SPAS (69NWER AB 231)	

Mr. M. J. Rubenstein, SPAS

17 12 Jan 70 Mod 1	Time extension to 15 Dec 70.	\$ ---
Mod 2		\$
Mod 3		\$
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$

Brought Forward	\$
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nce Completed:

15 Dec 70

Sent to FRCEN: Sep 72
To be Destroyed Jul 78

Total	\$ 56,502.00
PAID:	<u>56,502.00</u>
Refund:	\$ - 0 -

Contract CLOSED:

28 Sep 71

CLOSED

69-C-0102 Science Applications, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Evaluate Neutron and Gamma Output Spectra
 RARP (FY69 NWER PA010)

\$ 60,000.00

Dr. Robert E. Price, RARP

Mod 1 Time extension to 30 Jun 71.

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN:
 To be Destroyed

\$

Sent to FRCEN: Sep 72

Brought Forward

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\$

Performance Completed:

Total \$ 60,000.00

Contract CLOSED:

PAID: 60,000.00

Refund: \$ - 0 -

7 Mar 72

CLOSED

69-C-0103 Lockheed Missiles & Space Co. CPFF (AD111)

No Contractor Status Contract Type & Authority
(10 Mar 69 - 31 Oct 70) (pre-contract fm N/A)

SUBJECT: DIANA MIST - Project 9.7 \$ 800,000.00
SPAS - TC

Mr LTC George J. Kubal, TC

Mod 1 To add incremental funding. \$1,297,847.00

Mod 2 Additional support, DIANA MIST, Proj 9.7 \$ 294,979.00

Mod 3 Decrease costs (underrun) \$170,000.00 (Decrease)

Mod 4 Decrease costs - \$ 7,000.00

Mod 5 Incorporation of OH rates. 1969 \$ --

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN: Aug 74
To be Destroyed Jul 79

Brought Forward \$

Performance Completed:

Total \$ 2,215,826.00
PAID: 2,202,079.02

Contract CLOSED:

Refund: \$ 13,746.98

20 Nov 72

CLOSED

69-C-0104 Manufacturing Development, GM Corporation

CPFF(a(11))

N.	Contractor	Status	Contract Type & Authority
	(1 May 69 - 31 Jan 70)	(pre-contract fm N/A)	

SUBJECT: To experimentally and theoretically characterize rock
STSP (SPSS) materials.
(FY69 NWER SB 047)

\$ 55,000.00

Lt(jg) C. B. McFarland, Spss

Mod 1 Continuation of work.
(FY70 NWER SB 047 15)
Time extension to 15 Jan 71.

\$ 49,746.00

Mod 2 Time extension to 10 Sep 71.

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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sent to NCCM: Aug 74
To be Destroyed Jul 79

Brought Forward

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\$

Performance Completed:

10 Sep 71

Total \$ 104,746.00

PAID: 104,746.00

Contract CLOSED:

20 Feb 73

Refund: \$ - 0 -

CLOSED

69-C-0105 Gulf General Atomic Inc.

CPFF (a)(11)

No.	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 15 Jan 71)	(pre-contract fm N/A)	

TC
 SUBJECT: Measurement of Tunnel Environment at MINT LEAF.

\$56,523.00

Capt Donald D. Randolph, TC

Mod 1	Measurement of LOS pipe repressurization at MINT LEAF.	\$ 56,105.00
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Mod 2	Novation Agreement.	\$ ----
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: FEB 1977
 To be Destroyed Oct 82

Brought Forward

\$

\$

Performance Completed:

Total	\$ 112,628.00
PAID	111,104.00

Contract CLOSED:

Refund:	\$ 1,524.00
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71
 CLOSED 23 Jan 76

69-C-0206 General Electric Co. (Phila. Penn) CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 1 Dec 69)	(pre-contract fm N/A)	

SUBJECT: Dust Erosion Study (U)
SPAS (FY69 NWER AA 127)

\$ 54,782.00

Major Donald R. Shover, SPAS

Mod 1	\$ --
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Mod 2	\$
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Mod 3	\$
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Mod 4	\$
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Mod 5	\$
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Mod 6	\$
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Mod 7	\$
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Mod 8	\$
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Brought Forward \$

Performance Completed:

Contract CLOSED:

1 Dec 69
CLOSED

Total PAID \$54,782.00
53,542.59

Refund: \$ 1,239.41

26 NOV 73

69-C-0107 Rhodes and Bloxson		FP (a)(11)
No	Contractor Status	Contract Type & Authority
	(1 Apr 69 - 31 Oct 69) (pre-contract fm N/A)	
SUBJECT: Dust Effects SPAS (FY69 NWER AA 127)		\$ 55,871.00
Maj Donald R. Shover, SPAS		
Mod 1	Continuation of work.(MIPR A 31699-93-V093) Time extension to 30 Nov 69.	\$ 60,940.00
Mod 2		\$ ---
Mod 3		\$
Mod 4		\$
Mod 5		\$
Mod 6		\$
Mod 7		\$
Mod 8		\$
Brought Forward		\$
Per nce Completed: 31 Mar 71	Sent to FRGEN: May 72 To be Destroyed Jul 77	Total \$ 116,811.00 PAID: 116,811.00
Contract CLOSED:		Refund: \$ - 0 -

11 Jun 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(15 Apr 69 - 15 Sep 69)	(pre-contract fm N/A)	
-SUBJECT: SPAS	Performance study of dual composite material (U) (FY69 AB 231)		\$ 64,488.00
	LTC A. Lowrey, SPAS		
Mod 1	Time extension to 20 Aug 70.		\$ -----
Mod 2	Additional funds to cover OH Adjustments 69 NWER A AB231 27		\$ 2,259.00
Mod 3			\$
Mod 4			\$
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Mod 7			\$
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Performance Completed: 20 Aug 70

Contract CLOSED:

CLOSED

18 July 74

Total	\$ 66,747.00
PAID	<u>66,605.00</u>

Refund:	\$ 142.00
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No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Apr 70)	(pre-contract fm N/A)	

- SUBJECT: TROIKA Technology Topics.
SPAS (FY69 NWER AC320)

\$ 159,779.00

LTC Austin Lowrey III, SPAS

Mod 1 Revised work statement.
69 NWER AC 320 02
Time extension to 30 Nov 70

\$ 10,281.00

Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRCEN: SEP 1975
To be Destroyed *Jul 1981*

Brought Forward

\$

Finance Completed:

Total \$170,060.00
PAID 169,096.77

Contract CLOSED:

Refund: \$ 963.23

CLOSED*28 Feb 71*
31 Jul 74

KMS Industries, Inc.

(formerly)

69-C-0110 Heliodyne Corporation

CPFF (a)(11)

No

Contractor

Status

Contract Type

(1 May 69 - 31 Jan 70) (pre-contract fm N/A)

& Authority

SUBJECT: Synchrotron Radiation from Fission Electrons.
RAAE (69 NWER HC 047)

\$28,512.00

LT John Schroeder, RAAE

Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Stop Work : May 72

To Be Billed Jul 77

Brought Forward

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\$

Performance Completed:

Total \$ 28,512.00

PAID: 28,362.81

Contract CLOSED:

Refund: \$ 149.19

26 Jan 71

CLOSED

No Contractor Status
(23 Jun 69 - 31 Aug 70) (pre-contract fm N/A)

-SUBJECT: Radiation Effects on Dynamic Electronic Components.
RAEV (FY69 NWER TC 015)

\$ 30,000.00

LTC John J. McGee, Jr., RAEV

Mod 1 To add the incremental funding.
(FY70 NWER TC01525)

\$ 63,440.00

Mod 2 Novation Agreement.

\$ ---

Mod 3 Time extension to 31 Oct 70.

\$ --

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Brought Forward

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Performance Completed:

Total \$ 93,440.00
PAID 93,197.66

Contract CLOSED:

Refund: \$ 242.34

CLOSED

1 mar 74

1 Oct 70

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Dec 69)	(pre-contract fm N/A)	

-SUBJECT: A Selective study of effects of Ionizing radiation in
RAEV Capacitors.
(FY69 NWER TE 017)

\$ 30,888.00

Maj R. D. Carpenter, RAEV

Mod 1 Novation Agreement.

\$ ---

Mod 2 Time extension to 20 May 70.

\$ ---

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN?
To be DestroyedAug 74
Jul 79

\$

Brought Forward

\$

Performance Completed:

Total \$ 30,888.00

PAID: 30,888.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

19 Jan 73

69-C-0115 Lockheed Missiles & Space Co.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Apr 70)	(pre-contract fm N/A)	

SUBJECT: Magnetic Coordinates for PCA 69
RAAE (FY69 NWER HC 047)

\$ 19,943.00

LT John Schroeder, RAAE

Mod 1 Incorporation of OH rates for 1969 and 1970.

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FROEN: May 72
To be Destroyed Jul 77

Brought Forward

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Performance Completed: 25 Mar 70

Total \$ 19,943.00

PAID: 19,831.72

Contract CLOSED:

Refund: \$ 111.28

28 Apr 71 **CLOSED**

69-C-0111 AVCO Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 31 May 70)	(pre-contract fm N/A)	

SUBJECT: Perform selected studies associated with advanced planning
SPAS of underground tests.
(FY 69 NWER AC 3420)

\$ 149,970.00

LTC Austin Lowrey III, SPAS

Mod 1 Time extension to 15 Mar 71.

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Brought Forward

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Performance Completed:

28 Feb 71

Contract CLOSED:

CLOSED

27 Nov 73

Total	\$149,970.00
PAID	149,970.00

Refund: \$ -0-

69-C-0112 The Boeing Co.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 May 70)	(pre-contract fm N/A)	

SUBJECT: Survivability/Vulnerability Support.
SPAS (follow-on Cont 67-C-0133)

\$ 33,000.00

FY 69NWER AB 201

LTC Lowrey, SPAS

Mod 1	Additional support to SAFEGUARD Vulnerability working group. 69 NWER AB 201 04 Time extension to 15 May 72	\$ 1,622.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 7		\$
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Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981	\$
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Brought Forward	\$
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Performance Completed: 21 Mar 72	Total PAID	\$ 34,622.00 34,509.65
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Contract CLOSED:

Refund:	\$ 112.35
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CLOSED

69-C-0116 Battelle Memorial Institute

CPFF (a)(11)

Contractor	Status	Contract Type & Authority
(2 Jun 69 - 1 Jul 70)	(pre-contract fm N/A)	

SUBJECT: Revision of the 1969 TREE Handbook.
RAEV (FY69NWER, TE 017) 01

\$ 70,470.00

Maj R. D. Carpenter, RAEV

Mod 1 - Add new clause "Negotiated Overhead Rates Clause"
~~xxxxxxxxxx~~

\$ ---

Mod 2 Expansion of scope of work and addition of a 4th section
70 NWER TE 017 01
Time extension to 31 May 71.

\$ 95,900.00

Mod 3 Further revision of TREE Handbook
71 NWER TE 017 01
Time extension to 30 Sep 71

\$ 52,780.00

Mod 4 Expansion of work scope, revision of Sections C & N
Time extension to 31 Oct 72.
FY 72 NWED - TE017-04

\$ 57,225.00

Mod 5 Additional tasks
72 NWED TE 017 04

\$ 81,402.00

Mod 6 Time extension to 30 Dec 73
Additional tasks
73 TE Z99QAXTE 017 31

\$ 10,550.00

Mod 7 Time extension to 1 Mar 74.
Cost Growth
74 Z99QAXTE01742

\$ 2,863.00

Mod 8

Sent to FROEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Performance Completed:

28 Feb 74

Total
PAID\$ 371,190.00
371,190.00

Contract CLOSED:

CLOSED

25 Mar 75

Refund:

\$ -0-

69-C-0117 AVCO (Space Systems Div)

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Apr 70)	(pre-contract fm N/A)	

SUBJECT: A Research Suggestion concerning Shock Propagation in 3-D
 SPAS Materials and other complex geometries.
 (FY69 NWER AC 302)

\$ 69,471.00

LTC Lowrey, SPAS

Mod 1 Time extension to 1 Nov 70.

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Mod 2

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Mod 3

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Mod 4

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Mod 8

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Brought Forward

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Total
PAID\$ 69,471.00
69,471.00

Pe nce Completed:

1 Nov 70

Contract CLOSED:

Refund:

\$ -0-

CLOSED

19 Oct 73

69-C-0118

(formerly)
Tracerlab

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69- 31 Mar 70)	(pre-contract fm N/A)	

SUBJECT: Studies of Fallout and Nuclear Clouds from Surface and Near-
RARP Surface Bursts \$ 69,855.00
(FY69 NWER PD 073)

CDR Robert M. Wagner, RARP

Mod 1	Novation agreement.	\$ ---
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Mod 2	Time extension to 22 May 70.	\$ ---
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Mod 3	Additional funds to cover OH adjustments NWER PD 073 01	\$ 403.10
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Mod 4		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward \$

Finance Completed:

Contract CLOSED:

26 Sep 73

CLOSED

Total	\$ 70,258.10
PAID:	70,258.10
Refund:	\$ - 0 -

22 May 70
Jul 70

Sep 74
Jul 80

69-C-0119 The University of New Mexico

Cost

No	Contractor	Status	Contract Type & Authority
	(5 Jun 69 - 12 Dec 69)	(pre-contract fm N/A)	

SUBJECT: Numerical Study of transport phenomena in a spherical geometry by the method of invariant imbedding.
RARP (PA 014)

\$ 18,409.00

Dr. Robert E. Price, RARP

Mod 1 Time extension to 28 Feb 70.

\$ ----

Mod 2 Time extension to 10 Jun 70.
 Incorporation of rates for 1970.

\$ ---

Mod 3

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Mod 4

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Brought Forward

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Performance Completed:

Total \$ 18,409.00
 PAID 18,063.73

Contract CLOSED:

Refund: \$ 345.27

10 June 70
 2 Apr 74
CLOSED

69-C-0120 Moleculon Research Corp.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(21 Apr 69 - 31 Dec 69)	(pre-contract fm N/A)	

SUBJECT: Design and Construct an experiment to study Blowoff Mass Distribution.
SPAS (FY69 NWER AC 302)

\$ 29,790.00

LTC A. Lowrey, SPAS

Mod 1 Additional funds for OH adjustments.
69 NWER AC 302 02

\$ 428.52

Mod 2

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Mod 3

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Mod 4

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Mod 8

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Sent to FRCEN: Aug 74
To be Destroyed Jul 79

Brought Forward

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Performance Completed:

Total \$ 30,218.52

PAID: 30,218.51

Contract CLOSED:

Refund: \$.01

17 May 73

CLOSED

69-C-0121 Technology Incorporated (Ohio)

CPFF (a)(11)

Contractor

Status

Contract Type

(15 Apr 69 - 15 Oct 69) (pre-contract fm N/A)

& Authority

SUBJECT: Retinal Temperature Predictions for High Altitude Weapon
 STMD Detonations.
 (FY 69 NWER MB 182) C

\$14,984.00

LTJG Herbert J. Mitchell, MSC

Mod 1 Calculation of additional Spartan retinal burn predictions
 at more altitudes & use of Ludwig-Simon calculations
 (FY70 NWER MB 182) O/
 Time extension to 15 Oct 70.

\$ 60,000.00

Mod 2 Retinal temperature predictions for high-altitude detonations.
 Time extension: 15 Oct 71

\$ 54,200.00

182.01

Mod 3 Time extension to 30 Apr 72.

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to SECDEF:
 To be Destroyed

\$

Brought Forward

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\$

Performance Completed: Apr 72

Total \$ 129,184.00

PAID: 128,475.57

Contract CLOSED:

Refund: \$ 708.43

14 Mar 73

CLOSED

Contractor	Status	Cost (a)(5) Contract Type & Authority
(1 Mar 69 - 30 May 70)	(pre-contract fm N/A)	

SUBJECT: Mechanical Properties of rock of importance in
SP (SPSS) decoupling analysis.
(ARPA #862, Amd #8, Program Code No. 9F10)
\$ 26,000.00
LTJG C. B. McFarland, SPSS

Mod 1 Additional scope of work \$ 25,450.00
22 ARPA #962 Amend #10 Program Code no. 0F10
Time extension 30 Jun 71.

Mod 2 No-cost time extension to include additional \$ ---
task to Scope of work.

Mod 3 Study of Static Uniaxial Deformation of rocks in the 30 to \$ 28,100.00
50 KB Range 862.04
ARPA 862, Amend 12,
Time extension to 30 Jun 72

Mod 4 Time extension to 31 Dec 72. \$ --

Mod 5 Time extension to 30 Nov 73 \$ --

Mod 6 \$

Mod 7 \$

Mod 8 Sent to ITCEN: SEP 1975
To be Destroyed Jul 1981 \$

Brought Forward \$

Performance Completed: NOV 73 Total PAID \$ 79,550.00
78,985.44

Contract CLOSED: CLOSED 19 May 75 Refund: \$ 564.56

No	Contractor	Status	Contract Type & Authority
	(14 Mar 69 - 13 Nov 69)	(pre-contract fm N/A)	

-SUBJECT: A Feasibility study of Nuclear Fireball Simulation (U)
STSP (SPSS) (FY69 NWER SD 070) .02

\$ 74,000.00

Maj Roy A. J. Frusti, SPSS

Mod 1 Continuation of work.
71 NWER SD 070 04
Time extension to 4 Sep 71.

\$ 74,225.00

Mod 2 Time extension to 1 Jun 72.

\$ ---

Mod 3 Funds for OH adjustment
69 SD 070 04

\$ 741.00

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN^{SEP} 1975
To be Destroyed Jul 1981

\$

Brought Forward

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Finance Completed:

Total \$ 148,966.00

PAID 148,966.00

Contract CLOSED:

Refund: \$ -0-

CLOSED1 Jun 72
3 Sep 74

69-C-0124 Physics International Co.

CPFF (a)(11)

Nc Contractor Status
 (15 Mar 69 - 14 Jun 70) (pre-contract fm N/A)

Contract Type
 & Authority

SUBJECT: Stemming and Containment Diagnostics for MINT LEAF
 SPAS(TC)

\$ 334,940.00

DR 19 May 69
 Maj Franklin D. Richey, TC

DR 20 May 69
 Mod 1 Time extension to 31 Dec 70.

\$ ---

Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FROEN: *Aug 74*
 To be Destroyed *Jul 79*

\$

Brought Forward

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Performance Completed:

Total \$ 334,940.00

Contract CLOSED:

PAID: 334,562.27

Refund: \$ 377.73

27 Feb 71
24 Aug 72
CLOSED

69-C-0125 General Research Corporation

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 30 Jun 70)	(pre-contract fm 18 Nov68) \$16,000.00	

SUBJECT: Systems Implications fo Nuclear Effects (U)
RAAE (FY69 NWER HC 064)

\$ 148,548.00

LTC Andrew M. Simko, RAAE

Mod 1 Time extension to 30 Oct 70.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

\$

Brought Forward

\$

mance Completed:

22 Oct 70

Contract CLOSED:

CLOSED

5 Dec 73

Total \$ 148,548.00

PAID 143,638.47

Refund: \$ 4,909.53

69-C-
0126 - 0150

Contractor

Status

Contract Type
& Authority

1 Apr 69 - 31 May 70) (pre-contract fm N/A)

SUBJECT: Radar Clutter Analysis (U)
RAAE (FY69 NWER HA001),0{

\$ 74,898.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Nuclear-Radar Propagation Studies.
(70 NWER HA 001 01)
Time extension to 31 May 71.

\$ 99,659.00

Mod 2 To correct wrong appropriation.
from 0201 to 0102

\$ ---

Mod 3 Continuation of work - additional tasks
71 NWER HA 001 01
Time extension to 30 Apr 72

\$ 99,843.00

Mod 4 Time extension to 31 Dec 72.

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN^{SEP} 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Completed:

14 Dec 72

Total
PAID\$274,400.00
274,400.00

Contract CLOSED:

CLOSED 31 Jul 74

Refund:

\$ -0-

69-C-0127 Gulf General Atomic, Inc.

CPFF (a)(11)

No	Contractor	Status	Contract Type & Authority
	(24 Mar 69 - 23 Mar 70)	(pre-contract fm N/A)	

Subject: Investigate Problems relevant to decoupling methods (U) \$ 114,276.00
 STSP (SPSS) ARPA Order No. 1394 - Program Code 9F10

LTC Lewis L. Reign, Jr., SPSS

Mod 1	Time extension to 23 Sep 70. Adjustment of Green Farms use charge and estimated costs.	\$ ---
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Mod 2	Novation Agreement.	\$ --
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Mod 3	Time extension to 30 Apr 73.	\$ ---
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRGEN: FEB 1977

To be Destroyed 0122	Brought Forward	\$
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Contract Completed: 14 Nov 72

Total PAID	\$114,276.00
	114,276.00

Contract CLOSED:

Refund: \$ -0-

26 Aug 76

69-C-0128 Stanford Research Institute

NP

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(1 May 69 - 31 Oct 70) (pre-contract fm M/A)

SUBJECT:
SPASWarhead Optimization for Structural Kill of Reentry Vehicles (U) \$ 199,773.00
(Fy 69 NWER AB 231)

Maj Donald R. Shover, SPAS

Mod 1

Costs associated with SRI participation in the SAFEGUARD
(formerly SENSO) meetings.
(FY70 NWER AB23101)

\$ 11,419.00

Mod 2

Lethal Load Levels for Reentry Vehicles, Part I
70 NWER AB 231 01
Time extension 31 Dec 70.

\$ 40,464.00

Mod 3

Time extension to 28 Aug 71.
Incorporation of OH rates for 1969 and 1970

\$ ----

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: Aug 74
To be Destroyed Jul 79

\$

Brought Forward

\$

nce Completed: 1 Sep 71

Contract CLOSED: NOV 10 1972

CLOSED

Total \$ 251,656.00

Paid \$ 251,656.00

Refund: \$ -0.00

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 31 Jul 70)	(pre-contract fm N/A)	
SUBJECT:	Investigate Errors in Underground Test Measurements (U)		\$ 99,200.00
SPAS	(FY69 NWER AB 201) .01		
	898		
	LTC Austin Lowrey, SPAS		

Mod 1	Scope of work to be modified.	\$ --
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Mod 2	Time extension to 31 Jul 71.	\$ --
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Mod 3		\$
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Mod 4		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8	Sent to FRCEN: Aug 74 To be Destroyed Jul 79	\$
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Brought Forward	\$
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ance Completed: 28 Apr 71

Total	\$99,200.00
PAID:	95,797.85

Contract CLOSED:

Refund:	\$ 3,402.15
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12 Jan 73

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Apr 70)	(pre-contract fm N/A)	

43
8 Sep 69

SUBJECT: Analytic Study of Close-in Effects from an Nuclear Explosions \$ 105,222.00
 STSP (SPSS) Investigation of the Effects of Combined and Air Induced
 ground Shock in Shallow Depth-Large Range Areas for Rock and
 Soil Materials. (FY69 NWER SB 047) 12

11
144150

Mal L. P. Mosteller, SPSS

4
100000

Mod 1 Modify the technical scope and duration. \$ 125,475.00
 (FY70 NWER SBO4712)
 Time extension to 1 Jun 71.

11
144150

Mod 2 continuation of claculations of ground shock and \$ 174,762.00
 improvement in modeling of earth materials.
 Time extension: 31 Aug 71.

11
144150

Mod 3 Time extension to 1 October 1971. \$ --

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FROEN: *5 p 72*

To be Destroyed *Jul 78*

Brought Forward

\$
\$

mance Completed: 1 Oct 71

Total \$ 405,459.00

PAID: 405,444.78

ontract CLOSED:

Refund: \$ 14.22

16 Mar 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Apr 70)	(pre-contract in N/A)	

45
69
SPSS

SUBJECT: Analytic Study of Close-in Effects from an Nuclear Explosions 105,222.00
 STSP (SPSS) Investigation of the Effects of Combined and Air Induced
 ground Shock in Shallow Depth-Large Range Areas for Rock and
 Soil Materials. (FY69 NWER SB 047) 12

Maj L. P. Mosteller. SPSS

45
69
SPSS

Mod 1	Modify the technical scope and duration. (FY70 NWER SB04712) Time extension to 1 Jun 71.	\$ 125,475.00
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45
69
SPSS

Mod 2	continuation of calculations of ground shock and improvement in modeling of earth materials. Time extension: 31 Aug 71.	\$ 174,762.00
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45
69
SPSS

Mod 3	Time extension to 1 October 1971.	\$ --
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
-------	--	----

Mod 7		\$
-------	--	----

Mod 8		\$
-------	--	----

Sent to FRGEN: *Sep 72*
 To be Destroyed *Jul 78*

Brought Forward \$

ance Completed: 1 Oct 71

Total	\$ 405,459.00
PAID:	405,444.78

Contract CLOSED:

Refund: \$ 14.22

16 Mar 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(15 Jun 69 - 14 Jun 70)	(pre-contract fm N/A)	

- SUBJECT: Research program conducted on total and partial body irradiation studies. \$ 71,389.00
STMD (NWER MC 009) 01

Lt Stephen Kessler, STMD

Mod 1 Incorporation of OH rates for thru Mar 70. \$80,000.00
Radiation effects in Man: Manifestations and Therapeutic Efforts (70 NWER MC 009 01)
Time extension to 31 Mar 71.

Mod 2 Change dates in scope of work. \$ ---

Mod 3 Continuation of work \$ 93,232.00
71 NWER MC 009.01
Time extension to 31 Mar 72

Mod 4 Time extension to 15 Mar 72 \$ --

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Total PAID \$ 244,601.00
243,787.43

Refund: \$ 813.57

Contract Completed: 27 Dec 72

Contract CLOSED:

CLOSED

23 Jul 74

No	Contractor	Status	Contract Type & Authority
	(1 Apr 69 - 30 Jun 70)	(pre-contract fm)	
- Subject: Aids for the Study of High Altitude Nuclear Effects, RAAE (FY69 NWER HE 043), 04			\$ 158,085.00
LTC J. D. Brown, RAAE			
Mod 1	Extension of technical effort. 70 NWER HE 043 11 Time extension to 30 Jun 71.		\$ 124,765.00
Mod 2	Aids for the Study of High Altitude Nuclear Effects 71 NWER HE 043 11 Time extension to 30 June 72		\$ 104,846.00
Mod 3			\$
Mod 4			\$
Mod 5			\$
Mod 6			\$
Mod 7			\$
Mod 8	Sent to FRCEN: SEP 1975 To be Destroyed Jul 1981		\$
Brought Forward			\$

Performance Completed: 14 July 1972

Total PAID \$ 387,696.00
387,696.00

Contract CLOSED:

CLOSED 31 Jul 74

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(16 Jun 69 - 31 Dec 69)	(pre-contract fm N/A)	

SUBJECT: DASA Project 6.9 Johnston Island Radar Development.
RAAE (FY69 NWET/ATR K43AAXHX609)

\$ 78,253.00

Mr. Dow E. Evelyn, RAAE

Mod 1 Time extension to 31 Jul 70.

\$ ---

Mod 2 Incorporation of OH rates for 1938 and 1970

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FROTH: Sep 72
To be Destroyed Jul 78

Brought Forward

\$

\$

Performance Completed:

Total \$ 78,253.00

PAID: 78,253.00

Contract CLOSED:

Refund: \$ - 0 -

15 Dec 71

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Aug 70)	(pre-contract fm N/A)	
- SUBJECT: Triaxial Tests on Large Rock Specimens. STSP (SPSS) (ARPA Order No. 1397, Program Code 9F10)			\$ 99,000.00

LTJg C. B. McFarland, SPSS

Mod 1	Time extension to 1 Sep 71.	\$ ---
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: *Aug 74*
 To be Destroyed *Jul 79*

Brought Forward	\$
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Performance Completed: *1 Sep 71*

Total	\$ 99,000.00
PAID:	99,000.00

Contract CLOSED:

Refund:	\$ - 0 -
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*14 Aug 72***CLOSED**

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Mar 70)	(pre-contract fm N/A)	

SUBJECT: EMP Interaction and Data Studies (U)
RAEV (FY69 NWER EC 091), 0 7

\$ 17,778.00

Capt C. S. Allen, RAEV

Mod 1 EMP Processing (U)
Time extension: 15 Apr 71
09102

\$ 61,659.00

Mod 2 Change in scope
Participate in Safeguard EMP Working Group
Time extension to 15 Apr 72
09102

\$ 20,000.00

Mod 3 Incorporation of OH rates for 1969 and 1970

\$ --

Mod 4 Time extension to 31 Oct 72.

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Pe ance Completed:

26 Oct 72

Total
PAID\$ 99,437.00
99,437.00

Contract CLOSED:

Refund:

\$ -0-

CLOSED

19 NOV 73

No	Contractor	Status	Contract Type & Authority
	(24 Apr 69 - 23 Jul 70)	(pre-contract fm N/A)	

SUBJECT: Achievement and Maintenance of Test Readiness for Subtask
RAAE 606 Photometers.
(FY69 MWET MIGHTY KSY MTR - K20AAXHX606)

\$ 97,914.00

DD. Blank, RAAE

Mod 1 Time extension to 2 April 1971.
Update "Negotiated Overhead Rates" Clause.

\$ ---

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRGEN: SEP 1975
To be Destroyed Jul 1981

\$

Brought Forward

\$

Trance Completed: 2 apr 71

Total \$97,914.00
PAID 97,914.00

Contract CLOSED:

CLOSED 11 Feb 75

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 ^{July} 69 - 22 Oct 70)	(pre-contract fm N/A)	

SUBJECT: Measurement of cross sections for neutrons of Energy
RARP (FY69 NWER PC 104), 01

\$ 94,500.00

Capt Richard W. Enz, RARP

Mod 1 Time extension to 31 Oct 71

\$ --

Mod 2 Time extension to 31 Dec 73.

\$ 6,400.00

Novation agreement.
Additional work.

Mod 3 Time extension to 1 Oct 74

\$ -----

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FREGEN: FEB 1977

To be Destroyed Oct 82

Brought Forward

\$

ance Completed:

1 Oct 74

Total

\$ 100,900.00

PAID

100,900.00

Contract CLOSED:

CLOSED 13 Jan 76

Refund:

\$ -0-

No	Contractor	Status	Contract Type & Authority
	(5 Jun 69 - 28 Feb 70)	(pre-contract from 20 Feb 69)	
		\$18,471.00	

SUBJECT: Carbon Equation of State, and Particle Dispersal System(U) \$ 131,500.00
 STSP (SPSS) (XX ARPA Order No. 1407, Program Code No. 9F10)

01

LTC Lewis L. Reign, Jr., SPSS

Mod 1	Additional calculations in conjunction with the DIAMOND DUST Event	\$ 20,000.00
	ARPA No. 1407, Amend 1. .01	

Mod 2	Additional work. (01)	\$ 75,250.00
	ARPA Order No. 1407, Amendment No. 2)	
	Time extension to 18 Mar 71.	

Mod 3	Additional funds to meet the cost of unanticipated theoretical calculations.	\$ 11,400.00
	71 407.01	
	ARPA 1407, Amend #3, Program Code 1F10	

Mod 4	Conducting support calculations in conjunction with DIAMOND MINE	\$ 132,748.00
	ARPA #1407, Amed 4, Program Code 1F10	
	Time extension 11 May 71 (02)	

Mod 5	Time extension to 12 Apr 74	\$ --
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Mod 6	Cost Growth	\$ 495.96
	ARPA Order 1407/3	

Mod 7		\$
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Mod 8		\$
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Brought Forward \$

Advance Completed:

12 Apr 74

Total	\$371,393.96
PAID:	371,393.96

Contract CLOSED:

18 MAR 83

10 MAY 1983

Dec 89

Refund: \$ - 0 -

No

Contractor

Status

Contract Type
& Authority

(1 May 69 - 31 Jan 70) (pre-contract fm)

SUBJECT: Investigation of the Energy for and Direction of Displacement
RAEV in Silicon.
(FY69 NWER TA 007).02

\$ 30,238.00

Maj Robert D. Carpenter, RAEV

Mod 1 Time extension to 30 Jun 70.

\$ ---

Mod 2 Time extension to 31 Dec 70.

\$ --

Mod 3 Continuation of Investigation of Displacement Moments.
71 NWER TA 007 13
Time extension to 31 Mar 72.

\$ 34,372.00

Mod 4 Time extension to 31 May 72.

\$ --

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

P rance Completed:

25 May 70

Contract CLOSED:

Total \$ 64,610.00

PAID 59,397.73

Refund: \$ 5,212.27

CLOSED

21 Feb 74

No	Contractor	Status	Contract Type & Authority
	(Apr 69 - 28 Feb 70)	(pre-contract fm N/A)	

SUBJECT: MINUTE STEAK and MINT LEAF
TCDT

\$ 83,132.00

Maj Joseph P. Goncz, TC

Mod 1 Additional funds reflecting delay in Test Event.
71 NWET J32IAXA X874 01
Time extension to 31 Dec 70.

\$ 9,188.00

Mod 2 funds to cover increase in OH rates

\$ 3,674.93

Mod 3 funds to cover adjustments
72 NWET J32IAXAX 874 01

\$ 10,993.47

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FROEN:
To be DestroyedAug 74
Jul 79

Brought Forward

\$

Finance Completed:

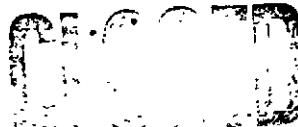
Total \$ 106,988.40

PAID: 106,988.40

Contract CLOSED:

Refund: \$ - 0 -

13 Feb 73



69-C-0141 Moleculon Research Corp.

CPFF (A)(11)

No

Contractor

Status

Contract Type

(1 Apr 69 - 28 Feb 70) (pre-contract fm 13 Jan 69
\$60,000.00

& Authority

SUBJECT: MINUTE STEAK 2.16
TCDT-N

\$ 122,396.00

Capt Thomas C. Genoni, TC

Mod 1

Cost increase for adjustments.
72 NWET J29FAXTX786 01

\$ 6,267.47

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: Aug 74
To be Destroyed Jul 79

\$

Brought Forward

\$

Performance Completed:

Total \$ 128,663.47

Contract CLOSED:

PAID: 128,663.47

Refund: \$ - 0 -

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 31 Mar 70)	(pre-contract fm 1 Apr 69) \$10,000.00	

SUBJECT: Passive Dosimetry Support on the DIESEL TRAIN Experiment (U) \$90,892.00
 TCDT-T (Project 8.56)

LCDR M. Kride
 Capt John D. Paull, TC

Mod 1 Time extension to 31 May 70. \$ ---

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8

Sent to FRCEN: ^{SEP} 1975
 To be Destroyed *Jul 1981*

Brought Forward \$

Pr ance Completed: *30 ~~Sept~~ May 70*

Total \$ 90,892.00
 PAID 90,724.69

Contract CLOSED:

CLOSED

15 May 75

Refund: \$ 167.31

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Investigation of Scaling Problems Associated with the
 STSP (SPSS) Extrapolation of Laboratory Data on Rocks to Field
 Studies.
 (ARPA No. 1317, Program Code No. 9F10)
 LtJG C. B. McFarland, Jr., SPSS

\$ 74,436.00

Mod 1 Time extension to 31 Oct 70. \$ --

Mod 2 Continuation of study.
 ARPA 1317, F10 01
 Time extension to 31 Oct 71

\$ 20,572.00

Mod 3 Time extension to 7 Apr 72. \$ --

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Aug 74
 To be Destroyed Jul 79

Brought Forward \$

Performance Completed:

7 Apr 1972

Total \$ 95,008.00

PAID: 95,008.00

Contract CLOSED:

20 Jun 73

Refund: \$ - 0 -

CLOSED

69-C-0144	Battelle Memorial Institute	NP	CPFF (a)(11)
No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 31 Jul 70)	(pre-contract fm N/A)	

SUBJECT:	Electromagnetic Simulation of Natural and Artificially-Induced Auroras	\$ 83,000.00
RAAE	(FY69 NWER HA 048) 01	

Mr. Dow E. Evelyn, RAAE

Mod 1	Continuation of effort	\$ 84,300.00
	71 NWER HA 048 02	
	Time extension to 30 Sep 71.	

Mod 2	Incorporation of free usage of government property(3 items)	---
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward	\$
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Performance Completed: 18 Nov 71

Contract CLOSED:

Total PAID	\$ 167,300.00
	<u>167,300.00</u>

Refund:	\$ -0-
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CLOSED
190473

69-C-0145 Information Science, Inc.

FP (A)(11)

No Contractor Status
(15 Mar 69 - 14 Dec 69) (pre-contract fm N/A)

Contract Type
& Authority

SUBJECT: JTF-8 Management computer aids for the USQ20B
J-3 Weather

\$ 53,936.00

LTC Thomas S. Scanlon, Jr., JTF-8

Mod 1 Scope of work to be expanded.
(FY 70 NWET K20EAXYX996 05)
Time extension to 14 Feb 70.

\$ 6,828.00

Mod 2

\$

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Sent to FRGEN: Jan 72

To be Destroyed Jul 76

Brought Forward

\$

\$

Performance Completed:

22 Apr 70

Total \$ 60,764.00

PAID: 60,764.00

Contract CLOSED:

15 Jun 70

CLOSED

Refund: \$ - 0 -

No

Contractor

Status

Contract Type
& Authority

(18 Apr 69 - 18 Oct 70) (pre-contract fm N/A)

SUBJECT: Late-Time Containment Research
DDST (FY69 TDA, J24AAXYX983) 05

\$495,680.00

Dr. Haddad, DDST

Mod 1 Continuation of work -
70 J24AAXYX983 01
Time extension to 18 Dec 70.

\$ 64,800.00

Mod 2 Continuation of Late-Time Containment Research
Time extension: 18 Dec 71
Incorporation of incentive OH Clause.

\$ 468,800.00

Mod 3 Change wording in work statement.

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

Brought Forward

\$

Performance Completed: 0071

Total \$1,029,280.00

PAID 1,029,280.00

Contract CLOSED:

CLOSED 18 July 74

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 May 69 - 31 Oct 70)	(pre-contract in N/A)	

SUBJECT: Establish DASIAC/DRES Field Operation. Support for DIAL PACK \$120,499.00
 SPLN (FY69 NWET L35BZXYX910) b1

Maj Shepard

XXXXXXXXXXXXXXXXXXXX, STSP

Mod 1 Support for DIAL PACK. \$ 51,000.00
 Subtask L35BAXYX910, FY 70, NWER (91001)
 Time extension to: 31 Dec 70

Mod 2 Technical Operations for several event DIAL PACK Projects \$ 238,700.00
 70 NWER NA 00714 ("beaucoup lots" MIPR's)

Mod 3 Additional necessary technical operations for Event DIAL PACK \$ 86,220.00
 (MIPR A35200-0-0004) \$41,220 = 910.03
 70NWET L35BAXYX910 04 and 06 ~~\$45,000~~ = 20,000
 910.06 25,000

Mod 4 Additional Support, DIAL PACK \$ 2,750.00
 910.06

Mod 5 TNT casting program for MIDDLE GUST. \$ 7,971.00
 71 NWET L18BAXYX 970 02
 Time extension to 31 Dec 71

Mod 6 Provide logistical support for event MIXED COMPANY. \$ 4,380.00
 72 NWET L35CAXYX970 03
 Time extension to 31 Dec 72.

Mod 7 Consolidate progress reports. \$ --

Mod 8 \$

Sent to FREEM: FEB 1977

To be Destroyed Oct 82

Brought Forward

\$

\$

Total \$ 507,140.00

PAID 506,647.93

Refund: \$ 4,872.07

Performance Completed: 31 Dec 72

Contract CLOSED

30 Sep 76

No	Contractor	Status	Contract Type & Authority
	(1 Jun 69 - 31 Aug 70)	(pre-contract fm N/A)	

SUBJECT: Fundamental Aspects of Shearing Strength of Rock and
 STSP(SPSS) Mineral Systems.
 (ARPA #1468, Program Code No. 9F10)

\$ 48,100.00

LTC Lewis L. Reign, Jr., STSP

Mod 1 Continuation of work.

\$ 45,577.00

ARPA 1468 02

Time extension to 31 Aug 72

Mod 2 Time extension to 7 Jan 75

\$ --

Mod 3

\$

Mod 4

\$

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

\$

Brought Forward

\$

Performance Completed:

Total PAID \$ 93,677.00
 93,677.00

Contract CLOSED:

Refund: \$ -0-

7 Jan 75
CLOSED 11 Jan 75

No	Contractor	Status	CPFF (a)(11) Contract Type & Authority
69-C-0149	Ken O'Brien & Associates	(1 Jul 69 - 30 Jun 70) (pre-contract in N/A)	

SUBJECT: Engineering Support \$ 213,149.00

ARPA - 22,000 (240118)
K401069349568 = 19,149 = (994.01)

Maj H. C. Goodson, TC

Mod 1 Continued effort. \$ 192,163.00
70 NWET J45KAXY X994 02
Time extension to 30 Jun 71.

Mod 2 Increase level of effort. \$ 50,794.00
ARPA 1401, Task No. P10 Work Unit 18 \$20,000
71 NWET J45KAXYX994 03 ~~30,000~~ 30,794.

Mod 3 Increase level of effort. \$ 9,416.00
71 NWET J45KAXYX994 03

Mod 4 Continued effort. \$ 181,275.00
71 NWET J45KAXYX994 03
Time extension to 31 Mar 72

Mod 5 Time extension to 31 Mar 72 \$ --
(was inadvertently omitted in P 4 ^{when} definitied)

Mod 6 Continued effort. - Change % of withholding of fee \$ 57,524.00
72 NWET J45KAXYX994 03
Time extension to 31 Mar 73

Mod 7 Time extension to 31 Dec 73 \$ 4,686.05
97X0400.4200 9330 P9620 KKJ45K 592 S662300 JON: XYX99403 - 642.20
9720400.4200 2330 P2650 KKJ45K 592 S662300 JON: XYX99403 - 4,043.85

Mod 8 Sent to FRCEN: SEP 1975 \$
To be Destroyed Jul 1981

Brought Forward \$

Performance Completed: 10 Oct 73

Total \$ 709,007.05
PAID 709,007.05

Contract CLOSED:

CLOSED 14 Feb 75

Refund: \$ -0-

9-C-0150 Mathematical Applications Group, Inc.

CPFF #a)(11)

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Jul 70)	(pre-contract in N/A)	

SUBJECT: Develop improved techniques for determining the Time Dependence of the History of a Radiation Field interacting with a fluid dynamic Field.
 (FY69 NWER PA 014)
 Dr. Robert E. Price, RARP

Mod 1	Time extension to 1 Dec 70.	\$	---
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Mod 2		\$	
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Mod 3		\$	
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Mod 4		\$	
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Mod 5		\$	
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Mod 6		\$	
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Mod 7		\$	
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Mod 8		\$	
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Sent to ERCCN: Aug 74
 To be destroyed Jul 79

Brought Forward	\$	
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Performance Completed:

Contract CLOSED:

Total	\$ 24,877.00
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PAID:	24,877.00
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Refund:	\$ - 0 -
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11 Dec 70

14 Aug 72

CLOSED

69-C-
0151 - 0178

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Aug 70)	(pre-contract fm N/A)	

SUBJECT: Prepare measured capture gamma ray spectra for materials of interest to the DOD for radiation transport calculations. (FY69 NWER PC 102) \$ 36,700.00

RARP
Maj Richard W. Enz, RARP

Mod 1	Additional elements to be studied. (FY70 NWER PC 102 03)	\$ 5,150.00
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Mod 2	Novation Agreement.	\$ ---
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Mod 3	Time extension to 2 Feb 71.	\$ ---
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward

Total PAID \$41,850.00
41,850.00

Work Completed: 27 Feb 71

Contract CLOSED:

Refund: \$ -0-

CLOSED

25 Mar 74

No	Contractor	Status	Contract Type & Authority
	(1 Jun 69 - 31 ^{DEC} 70)	(pre-contract fm N/A)	

SUBJECT: Holographic Study of Wave Propagation in Perfect and STSP (SPSS) Imperfect Granite.
(ARPA Order #1468, Program Code 9F10)

\$ 99,000.00

Lt(jg) C. B. McFarland, SPSS

Mod 1 Time extension to 1 Aug 71.

\$ ---

Mod 2

\$

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN: ^{SEP} 1975
To be Destroyed *Jul 1981*

\$

Brought Forward

\$

Performance Completed: *Jun 71*

Total \$ 99,000.00

Contract CLOSED:

CLOSED*25 Mar 75*PAID 98,143.21

Refund: \$ 856.79

No Contractor Status

(2 Jun 69 - 31 Oct70) (pre-contract for 1 Mar 69)
 \$20,000

Contract Type & Authority

SUBJECT: Crystal Spectrometer development for diagnostic use (U)
 SPAS (FY69 NWET/TID J11AAXAX504) o 5

\$ 206,988.00

Maj O. W. Larson, SPAS

Mod 1 Additional task - to MINT LEAF
 70 NWET/TID J11AAXAX504 .06

\$ 15,921.00

Mod 2 Time extension to 15 Sep 72
 Updating the "Negotiated Overhead Rates" Clause

\$ ---

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Brought Forward

\$

Performance Completed: 26 Jul 72

Total PAID \$ 222,909.00
 222,812.38

Contract CLOSED:

Refund: \$ 96.62

CLOSED

24 Dec 73

No	Contractor	Status	Contract Type & Authority
	(15 May 69 - 15 Feb 70)	(pre-contract fm N/A)	

SUBJECT: Measurement of Airborne Debris by Infrared Imagery.
STSP (SPSS) (FY69 NWET L40DAXSX303)

\$ 77,925.00

LTC Norman Johnson (TCDT)

Mod 1 Additional funds to complete the program.
Subtask L40DAXSX303, FY70, NWET
Time extension to 1 Jul 70

\$ 19,111.00

Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward

\$

Performance Completed:

Total \$ 97,036.00

PAID: 97,036.00

Contract CLOSED:

Refund: \$ - 0 -

CLOSED

14 Mar 72

No	Contractor	Status	Contract Type & Authority
	(12 May 69 - 31 May 70)	(pre-contract in N/A)	

SUBJECT: Air Blast in Subdivided Storage Igloos. \$ 49,780.00
 SPLN (FY69 NWER NAO06)

Mr. Louis J. Belliveau, SPLN

Mod 1 Expansion of scope of work. \$24,616.00
 (70 NWER NA 006 02) Jan 71
 Time extension to 31 Aug 70

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Set to FURN: Aug 71
 Time extension: Jul 71

Brought Forward \$

Performance Completed:

28 Jan 71

Total \$ 74,396.00

PAID: 74,396.00

Contract CLOSED:

Refund: \$ - 0 -

14 Aug 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(16 Jun 69 - 1 Apr 70)	(pre-contract fm N/A)	

SUBJECT: Displacement of Rock
STSP(SPSS) (FY69 NWET L40DAXSX302)

\$ 56,288.00

LTC Norman Johnson, TC

Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN: SEP 1975
 To be Destroyed Jul 1981

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Brought Forward

\$

Performance Completed:

Total \$ 56,288.00
 PAID 56,288.00

Contract CLOSED:

CLOSED

Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	(1 Jun 69 - 31 May 70)	(pre-contract in N/A)	

SUBJECT: Underground Test Experiments in Support of PREDIX (SUPERPUFF)- \$ 94,278.00
 SPAS Aluminum and Titanium (U).
 (FY69 NWER AB 231).07

Mr. J. F. Moulton, Jr., SPAS

Mod 1 PREDIX Experiments for the HUDSON MOON Event. \$ 153,018.00

(FY70 NWET J32VAXAX888 04)

Time extension to 30 Apr 71

(definitized mod 1 - decrease and by N/A by \$530.)

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: SEP 1975
 To be Destroyed *Jul 1981*

Brought Forward \$

Performance Completed: 30 Apr 71

Total \$ 247,296.00

PAID 245,756.84

Contract CLOSED:

CLOSED 18 Mar 75

Refund: \$ 1,539.16

No	Contractor	Status	Contract Type & Authority
	(1 Jul 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Analysis of Barium Release Data from SECEDE III.
STRA (FY69 NWER HC 061)

\$ 50,000.00

Mr. Warren W. Berning

Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Brought Forward

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\$

Performance Completed:

22 Oct 78

Total
PAID\$ 50,000.00
49,999.97

Contract CLOSED:

8 Dec 76

Sent to FRECEN: Dec 77
To be Destroyed Oct 83

Refund:

\$.03

69-C-0159	Systems, Science and Software	CPFF (a)(11)
No	Contractor	Status
	(15 May 69 - 15 Apr 70)	(pre-contract fm N/A)
		Contract Type & Authority

SUBJECT: Develop Predictive Techniques for Stress Wave Effects in
STSP(SPSS) Composite and Porous Media. \$ 142,971.00
ARPA ARPA Order No. 1438, Program Code No. 9F10)
 LTjg C. B. McFarland, SPSS

Mod 1 Performance of hydrodynamic calculations in support of the \$ 24,999.00
 planned **DIAMOND DUST EVENT**.
 (ARPA No 1438, Amend #1)

Mod 2 Research in support of seismic decoupling studies of \$ 225,200.00
 contained nuclear explosions for the Prime Argus Evasion
 (70 ARPA #1438, Amend #2.) Program
 Time extension to 15 Jun 71

Mod 3 Continuation of study to improve predictive capabilities \$ 275,326.00
 for Stress Wave Propagation in Geologic Materials.
 Time extension 16 Jun 72
 ARPA 1438, Amend No. 5

Mod 4 Improved techniques for predicting the motion of Inhomogeneous \$ 271,400.00
 and porous geologic media
 ARPA 1438 Amend 7
 Time extension to 31 Jan 73

Mod 5 Time extension to 30 Nov 73. \$ --

Mod 6 \$

Mod 7 \$

Mod 8 Sent to FRCEN: SEP 1975 \$
 To be Destroyed Jul 1981

Brought Forward \$

Performance Completed: NOV 73 Total \$ 939,896.00
 PAID 939,896.00

Contract CLOSED: **CLOSED** 27 Dec 74 Refund: \$ -0-

No	Contractor	Status	Contract Type & Authority
	Q16 Jun 69 - 15 Sep 70)	(pre-contract fm N/A)	

SUBJECT: Continuation of Study of Flow Phenomena in Underground
APTE Test Piping (U)
 (FY69 NWET TDA J25BZX983)

\$ 173,200.00

Dr. Eugene Haddad, DDST

Mod 1 Additional work.
 70 NWET J 24BAXY X983 01
 Time extension to 30 Jun 71.

\$ 28,000.00

Mod 2 Incorporation of OH rates 69, 70 & 71

\$ --

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN: Aug 74
 To be Destroyed Jul 79

\$

Brought Forward

\$

Performance Completed:

Total \$ 201,200.00
 PAID: 199,156.51

Contract CLOSED:

Refund: \$ 2,043.49

21 Sep 72
CLOSED

No Contractor Status
(29 Apr 69 - 31 Oct 70) (pre-contract fm N/A)

SUBJECT: Stemming and containment diagnostics for DIANA MIST.9.62
TC

\$ 80,000.00

Maj H.N. Craig, TC

Mod 1 Incremental funding.

\$ 302,322.00

Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN: SEP 1975
To be Destroyed *Jul* 1981

\$

Brought Forward

\$

Performance Completed: 7 Dec 70

Total \$ 352,322.00
PAID 351,075.45

Contract CLOSED:

CLOSED*3 Aug 74*

Refund: \$ 1,246.55

No	Contractor	Status	Contract Type & Authority
	(15 Jun 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Further Observations on Certain Behavioral Effects
 STMD Associated with the Incidental Irradiation of Normal Humans.
 (FY67 and FY69)

\$ 36,000.00

Lt Stephen Kessler, STMD

Mod 1 Time extension to 30 Jun 71.

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FRGEN: Sep 72
 To be Destroyed Jul 78

Brought Forward

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\$

Performance Completed: 25 Apr 72

Total \$ 36,000.00

PAID: 35,993.99

Contract CLOSED:

Refund: \$ 6.01

7 Jun 72

CLOSED

No	Contractor	Status	Contract Type & Authority
	(1 Jun 69 - 30 Jun 70)	(pre-contract fm 1 Mar 69)	

CPFF 69
SUBJECT: Optical Measurements of Polar Cap Absorption and Related
RAAE Optical Phenomena for Operation PCA-69.
(FY69 NWER HD031)

\$ 32,850.00

Dr. Charles A. Blank, RAAE

CPFF 69
Mod 1 Phase II .
(FY70 NWER HD 031)

\$24,640.00

Mod 2 PHASE III.
\$70 NWET K43AAXHX 804 03)
time extension to 1 Apr 71.

\$ 51,166.00

CPFF 71
Mod 3 Time extension to 14 May 71.

\$ --

Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN: *Aug 74*
To be Destroyed *Jul 79*

\$

Brought Forward

\$

Performance Completed:

14 May 71

Total \$ 108,656.00

PAID: 108,656.00

Contract CLOSED:

Refund: \$ - 0 -

*30 Aug 72***CLOSED**

No	Contractor	Status	Contract Type & Authority
	(28 Apr 69 - 27 Feb 70)	(pre-contract fm N/A)	

SUBJECT: Revision of and computer program supplement to DASA 2048
 "Handbook for Analysis of Nuclear Weapon Effects on Aircraft" \$ 37,018.00
 (FY69 NWER NA 008) 14

Mr. Louis J. Belliveau, SPLN

Mod 1	Participation in the SPRINT Vulnerability Program. (FY70 NWER NB007 03) Time extension to 31 Dec 70.	\$ 9,624.00
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Mod 2	Technical Support to BASA Time extension to 1 Nov 71. NB007 03	\$ 14,966.00
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Mod 3	Blast and Thermal Analyses of the CH-53 Helicopter 71 NWED NB 003 03	\$ 9,932.00
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Mod 4	Additional tasks 71 NWED NB 003 04	\$ 10,030.00
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Mod 5	Continuation of work 72 NWED NB 003 04 Time extension 31 Aug 72.	\$ 25,000.00
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Sent to FRCEN: FEB 1977

To be Destroyed Oct 62

Brought Forward

Performance Completed:

Contract CLOSED:

Total PAID	\$ 106,570.00
	106,245.77

Refund:	\$ 324.23
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CLOSED 31 Aug 72
 31 Jul 75

No	Contractor	Status	Contract Type & Authority
	(2 Jun 69 - 1 Nov 70)	(pre-contract in N/A)	

SUBJECT: Ground motion measurements on DIAMOND DUST. Project 3.1
 TCDT-E
 (ARPA)

\$ 137,027.00

LTC B.H. Brown, JR, TC

Mod 1 Increase in calculational effort.
 (ARPA NO. 1401)

\$ 9,521.00

Mod 2 Time extension to 30 Apr 71.
 Change requirement of distribution of final report.

\$ --

Mod 3

\$

Mod 4

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Mod 5

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Mod 6

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Mod 7

\$

Mod 8

Sent to FRCEN:SEP 1975
 To be Destroyed Jul 1981

\$

Brought Forward

\$

Performance Completed:

Total PAID \$ 146,548.00
146,128.29

Contract CLOSED:

CLOSED 3 Sep 74

Refund: \$ 419.71

No	Contractor	Status	Contract Type & Authority
	(16 Jun 69 - 30 Nov 70)	(pre-contract fm N/A)	

SUBJECT: Development and Fielding of Diagnostic Instrumentation in the DIAMOND DUST Event. \$ 235,328.00
 TC
 xra 2 (ARPA NO. 1401)

LTC Brisbane H. Brown, Jr. TC.

Mod 1 Continuation of effort. \$ 49,795.00
 (FY 70-M11FAXZL401- 02)
 (ARPA NO.)

Mod 2 Additional scope of work. \$ 99,153.00
 M 11 FAXZL 401 03 (ARPA NO.)

Mod 3 Novation Agreement. \$ ---

Mod 4 Time extension to 1 Oct 71. \$ --
 Change of name.

Mod 5 Time extension to 30 April 1973. \$ --

Mod 6 Funds to pay Nye County Taxes \$ 599.07
 69 M11FAXZL401 03

Mod 7 Time extension to 12 Sep 73 \$ --

Mod 8 \$

Sent to FRCEN: FEB 1977

To be Destroyed Oct 82

Brought Forward \$

Performance Completed: 12 Sep 73

Total \$384,875.07

PAID 384,875.07

Contract CLOSED: 10 June 1976

Refund: \$ -- 0 --

No	Contractor	Status	Contract Type & Authority
	(25 Jun 69- 24 Dec 69)	(pre-contract fm 1 Jun 69)	\$6,000.00
SUBJECT:	Study Ground Heating by a Neutron Source.		\$ 21,447.00
STSP(SPSS)	69 NWER SA 001		

Maj Lawson P. Mosteller, Jr., SPSS

Mod 1 Time extension to 6 May 70.
Funds to cover OH adjustments.
71 NWER SA 001 06

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FRCEN: Sep 72

To be Destroyed Jul 78

Brought Forward \$

Performance Completed:

Total \$ 21,747.79

PAID: 21,747.79

Contract CLOSED:

Refund: \$ - 0 -

9 Nov 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(23 Jun 69 - 31 Dec 70)	(pre-contract fm N/A)	

SUBJECT: Subtask HX615, Experimental Redefinition and Maintenance of Readiness.

\$ 38,200.00

US Army
TC
Capt D. H. DuBay, TC

Mod 1 Continuation of Maintenance of Test Readiness effort \$ 29,800.00

MIGHTY SKY - HX615 (K20AAXH)

01

Time extension to 22 15 Jan 72

Mod 2 Incorporation of OH rates 1969.

\$ --

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to FROEN: Aug 74
To: [unclear] Jul 79

Brought Forward \$

Performance Completed: 13 Jan 72

Total \$ 68,000.00
PAID: 67,857.81

Contract CLOSED:

Refund: \$ 142.19

16 May 73

CLOSED

69-C-0169	Intermountain Research and Engineering Co., Inc.	CFF (a)(11)
No	Contractor	Status
	(6 Jun 69 - 31 Dec 69)	(pre-contract in N/A)
		Contract Type & Authority

SUBJECT: Explosive Testing and Supplg. at Cedar City, Utah . \$ 25,600.00
TC

LTC Norman G. Johnson, TC

Mod 1 \$

Mod 2 \$

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 Sent to FRCEN: Aug 74
To be Destroyed Jul 79 \$

Brought Forward \$

Performance Completed: 8 Oct 69

Total \$ 25,600.00

PAID: 22,406.61

Contract CLOSED:

Refund: \$ 3,193.39

12 Jan 73

1000

No	Contractor	Status	Contract Type & Authority
	(15 Jun 69 - 31 Dec 70)	(pre-contract fm 15 Mar 69 \$50,000.00	

SUBJECT: Diagnostics for MINT LEAF
TCDT-T
SPAS

\$ 594,543.00

1LT James K. Baird, TC

Mod 1 Time extension to 30 Jun 71. - \$ 5,000.00 (decrea
Underrun

Mod 2 Incorporation of OH rates for 1969 and 1970

\$ ---

Mod 3

\$

Mod 4

\$

Mod 5

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Mod 6

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Mod 7

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Mod 8

Sent to FRCEN:
To be Destroyed

Aug 74
Jul 79

\$

Brought Forward

\$

Performance Completed:

Total \$ 589,543.00

PAID: 589,543.00

Contract CLOSED:

Refund: \$ - 0 -

15 May 73

28 May 71
CLOSED

No

Contractor

Status

Contract Type
& Authority

(delivery date 24 Oct 69) (pre-contract fm N/A)

SUBJECT: Addition of a Card Reader and Line Printer to the AFRRI
AFRRI Data Acquisition Systems.

\$ 44,280.00 *

*\$250 included for
transportation

LTC A. L. Green, AFRRI-LOG

Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to ERCEI: Jan 72
To be Destroyed Jul 76

Brought Forward

\$

Performance Completed:

13 Nov 69

Total \$ 44,280.00

PAID: 44,075.00

Contract CLOSED:

Refund: \$ 205.00

5 May 70

CLOSED

No	Contractor	Status	Contract Type & Authority
	(10 Jun 69 - 30 Jun 70)	(pre-contract fm N/A)	

SUBJECT: Fluorescence-Yield Measurements to improve diagnostic capabilities.
RARP ((FY69 J11AAXPX549)

\$ 31,406.00

1Lt Christopher O. Schonwalder, RARP

Mod 1 Time extension to 30 Nov 70.
and GFE incorporated.

\$ ---

Mod 2 Incorporation of OH rates for 1969 and 1970

\$ ---

Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to ERGEN: Sep 72

To be Destroyed Jul 78

Brought Forward

\$

\$

Performance Completed:

Total \$ 31,406.00

PAID: 31,406.00

Contract CLOSED:

Refund: \$ - 0 -

27 Dec 71

CLOSED

No	Contractor	Status	Contract Type & Authority
	(23 Jun 69 - 1 Apr 70)	(pre-contract fm N/A)	

SUBJECT: Translation of Hq, FldCom 1401 autocode programs to IBM
 TC-COMP-1 360 COBOL programs. \$ 184,780.00

Mr. Leroy Smith, FCCT-7

Mod 1	Program Translation. Time extension to 7 Jul 70.	\$ 25,600.00
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Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward

Performance Completed:

Contract CLOSED:

Sent to FREED: Sep 72
 To be Destroyed Jul 78

Total	\$ 210,380.00
PAID:	210,380.00
Refund:	\$ - 0 -

9 Jul 71 **CLOSED**

No	Contractor	Status	Cost (a)(5) Contract Type & Authority
	(1 Jul 69 - 31 Mar 70)	(pre-contract fm N/A)	

SUBJECT: Technical Photography from MINERAL ROCK Event of the MINE
TC SHAFT Series

\$ 21,620.00

Lt James A. Haugen, TC

Mod 1 Analyze the ejecta found on photographic records of the
MINERAL ROCK event.
Time extension to 30 Jun 70, \$ 4,550.00

Mod 2 Additional funds to cover OH adjustments
69 L40DAXYX921 01 \$ 1,468.48

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Brought Forward \$

Performance Completed:

Total \$ 27,638.48
PAID 27,638.48

Contract CLOSED:

Refund: \$ -0-

CLOSED28 May 70
23 Jul 74

No	Contractor	Status	Contract Type & Authority
	(23 Jun 69 - 28 Feb 70)	(pre-contract in N/A)	

SUBJECT: Study of advanced methods for analysis of refraction of radar through ionized regions produced by nuclear detonations (Nike-X MIPR A31699-93-2636) **\$ 9,992.00**

RAAE

LTC H. C. Fitz, RAAE (for NIKE-X Dev. Off)

Mod 1	Cost growth	\$ 1,277.00
	69 NWER HA 048.03 \$350.18	
	70 NWER HA 048.03 \$926.82	

Mod 2		\$
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Mod 3		\$
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Mod 4		\$
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Mod 5		\$
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Mod 6		\$
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Mod 7		\$
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Mod 8		\$
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Brought Forward	\$
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Performance Completed:

Contract CLOSED:

Total	\$ 11,269.00
PAID:	11,269.00

Refund:	\$ - 0 -
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CLOSED

17 Dec 70

Sent to FREEM: May 72
To be Enclosed: Jul 77

15 May 70

No	Contractor	Status	Contract Type & Authority
	(9 Jun 69 - 31 Mar 70)	(pre-contract fm 29 Apr 69)	\$21,000.00

SUBJECT: MINE SHAFT Subtask SX30221, Ground Shock and Motion Measurements \$ 280,325.00
 TCDT-B

Lt James A. Haugen, TC

Mod 1 Time extension to 15 Mar 71. \$ --

Mod 2 Funds to cover OH adjustments. \$ 631.00
 XSX30201

Mod 3 \$

Mod 4 \$

Mod 5 \$

Mod 6 \$

Mod 7 \$

Mod 8 \$

Sent to ERGEN: Sep 74
 To Destroyed Jul 80

Brought Forward \$

ormance Completed: 15 Mar 71

Contract CLOSED:

Total PAID \$ 280,956.00
 280,947.42

Refund: \$ 8.58

CLOSED

14 Nov 73

No	Contractor	Status	Contract Type & Authority
	(23 Jun 69 - 1 Nov 69)	(pre-contract fm N/A)	

SUBJECT: Modification of IBM Simulator for Hq, FldCom use.
COMP-1 (TC)

\$ 19,111.00

WK 16 Jan 69
 Mr. Leroy Smith, TCCT-7

Mod 1

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Mod 2

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Mod 3

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Mod 4

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Mod 5

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Mod 6

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Mod 7

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Mod 8

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Sent to FROTH: May 72
 To be Destroyed Jul 77

Brought Forward

\$

Performance Completed:

Total \$ 19,111.00

PAID: 19,111.00

Contract CLOSED:

Refund: \$ - 0 -

16 Apr 71
CLOSED

69-C-0178 Hayes Internatic Corp.

CPFF (a)(11)

No

Contractor

Status

Contract Type
& Authority

(15 Jul 69 - 14 Apr 70) (pre-contract in N/A)

*9R 20
10 May 70*

SUBJECT: Engineering Design of Aircraft Internal Stores and Support Systems for DASA Optical DATA Acquisition Aircraft, MIGHTY SKY, Subtask YX931 \$ 310,357.00

*9R 20
10 May 70*

Mod 1 No-cost mod
Change appropriation data.

\$ ---

*9R 20
10 May 70*

Mod 2 Change in scope of work.(NWET K43AAXYX931 01)
Time extension 14 Oct 70.

\$ 48,545.00

Mod 3 Time extension to 31 Jan 71.

\$ --

Mod 4 Change in Final documentation.

\$ ---

Mod 5

\$

Mod 6

\$

Mod 7

\$

Mod 8

\$

22 Jan 71

Brought Forward

\$

P nance Completed:

Total PAID \$ 359,302.00
358,774.94

Contract CLOSED:

Refund: \$ 527.06

CLOSED
4 Mar 74